

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
PRIAM 32005 JAUNE VERT 3389 MT PA**

Regulation (EU) n. 2020/878

Safety Data Sheet date: 27/5/2024, version 2**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name: PRIAM 32005 JAUNE VERT 3389 MT PA
SDS code: 100228EU
UFI: UU97-7U86-D99M-8FW2

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use:

Industrial uses
Paint/Coating

1.3. Details of the supplier of the safety data sheet**Manufacturers:**

Socomore SASU

Zone Industrielle du Prat - CS 23707 - 56037 VANNES CEDEX - France

Tel : +33 (0)2 97 43 76 83 - Fax : +33 (0)2 97 54 50 26

Socomore Ireland Ltd. - Meenane, Watergrasshill, Co. Cork, Ireland - Tel +353 21 4889922 / Fax
+353 21 4889923 / ireland@socomore.com

Distributors:

Socomore SASU

Zone Industrielle du Prat - CS 23707 - 56037 VANNES CEDEX - France

Tel : +33 (0)2 97 43 76 83 - Fax : +33 (0)2 97 54 50 26

Socomore Ireland Ltd. - Meenane, Watergrasshill, Co. Cork, Ireland - Tel +353 21 4889922 / Fax
+353 21 4889923 / ireland@socomore.com

Competent person responsible for the safety data sheet:

techdir@socomore@socomore.com

1.4. Emergency telephone number

France : ORFILA (INRS) +33 (0)1 45 42 59 59

International : CHEMTEL +1-813-248-0585.

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****EC regulation criteria 1272/2008 (CLP)**

- ⚠ Danger, Flam. Liq. 2, Highly flammable liquid and vapour.
- ⚠ Warning, Skin Irrit. 2, Causes skin irritation.
- ⚠ Warning, Carc. 2, Suspected of causing cancer.
- ⚠ Warning, Repr. 2, Suspected of damaging the unborn child.
- ⚠ Warning, STOT SE 3, May cause drowsiness or dizziness.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
PRIAM 32005 JAUNE VERT 3389 MT PA**



Danger

Hazard statements:

- H225 Highly flammable liquid and vapour.
- H315 Causes skin irritation.
- H351 Suspected of causing cancer.
- H361d Suspected of damaging the unborn child.
- H336 May cause drowsiness or dizziness.

Precautionary statements:

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...
- P370+P378 In case of fire: Use ... to extinguish.
- P403+P235 Store in a well-ventilated place. Keep cool.

Special Provisions:

- EUH204 Contains isocyanates. May produce an allergic reaction.
- EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Contains

- toluene
- n-butyl acetate
- 4-methylpentan-2-one; isobutyl methyl ketone
- 2-methoxy-1-methylethyl acetate

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration $\geq 0.1\%$

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
$\geq 7\%$ - $< 10\%$	toluene	Index number: 601-021-00-3	2.6/2 Flam. Liq. 2 H225 3.7/2 Repr. 2 H361d

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

PRIAM 32005 JAUNE VERT 3389 MT PA

		CAS: 108-88-3 EC: 203-625-9 REACH No.: 01-2119471310-51	⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.9/2 STOT RE 2 H373 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.8/3 STOT SE 3 H336 4.1/C3 Aquatic Chronic 3 H412
>= 7% - < 10%	n-butyl acetate	Index number: 607-025-00-1 CAS: 123-86-4 EC: 204-658-1 REACH No.: 01-2119485493-29	⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.8/3 STOT SE 3 H336 EUH066
>= 7% - < 10%	4-methylpentan-2-one; isobutyl methyl ketone	Index number: 606-004-00-4 CAS: 108-10-1 EC: 203-550-1	⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.6/2 Carc. 2 H351 ⚠ 3.1/4/Inhal Acute Tox. 4 H332 ⚠ 3.8/3 STOT SE 3 H336 ⚠ 3.3/2 Eye Irrit. 2 H319 EUH066 Acute Toxicity Estimate: ATE - Oral 2080 mg/kg bw ATE - Inhalation (Vapours) 11 mg/l
>= 5% - < 7%	Titanium dioxide	CAS: 13463-67-7 EC: 236-675-5 REACH No.: 01-2119489379-17	The product is not classified as hazardous according to Regulation EC 1272/2008 (CLP).
>= 1% - < 3%	reaction mass of ethylbenzene and xylene	CAS: 1330-20-7 EC: 905-588-0 REACH No.: 01-2119488216-32	⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.1/4/Dermal Acute Tox. 4 H312 ⚠ 3.1/4/Inhal Acute Tox. 4 H332 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 3.9/2 STOT RE 2 H373 4.1/C3 Aquatic Chronic 3 H412 Acute Toxicity Estimate: ATE - Dermal 1100 mg/kg bw ATE - Inhalation (Vapours) 11 mg/l
>= 1% - < 3%	2-methoxy-1-methylethyl acetate	Index number: 607-195-00-7 CAS: 108-65-6 EC: 203-603-9	⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.8/3 STOT SE 3 H336 EUH066

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
PRIAM 32005 JAUNE VERT 3389 MT PA

		REACH No.: 01- 2119475791 -29	
>= 0.25% - < 0.3%	ethylbenzene	Index number: CAS: EC: REACH No.: 01- 2119489370 -35	<ul style="list-style-type: none"> ⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/2 Eye Irrit. 2 H319 4.1/C3 Aquatic Chronic 3 H412 ⚠ 3.1/4/Inhal Acute Tox. 4 H332 ⚠ 3.9/2 STOT RE 2 H373 (hearing organs) ⚠ 3.10/1 Asp. Tox. 1 H304 <p>Acute Toxicity Estimate: ATE - Inhalation (Vapours) 11 mg/l</p>
>= 0.001% - < 0.1%	Cumene	Index number: CAS: EC:	<ul style="list-style-type: none"> ⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.6/1B Carc. 1B H350 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 4.1/C2 Aquatic Chronic 2 H411
< 0.0005%	1-methoxy-2-propanol; monopropylene glycol methyl ether	Index number: CAS: EC: REACH No.: 01- 2119457435 -35	<ul style="list-style-type: none"> ⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.8/3 STOT SE 3 H336 <p>Acute Toxicity Estimate: ATE - Oral 3739 mg/kg bw ATE - Dermal 2001 mg/kg bw ATE - Inhalation (Vapours) 30,02 mg/l</p>

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose of safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
PRIAM 32005 JAUNE VERT 3389 MT PA**

Do not induce vomiting. Obtain a medical examination.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

4.2. Most important symptoms and effects, both acute and delayed

None

4.3. Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

No particular treatment.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media:

Carbon dioxide (CO₂)

Dry powder

Foam.

Extinguishing media which must not be used for safety reasons:

Water.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment.

Remove all sources of ignition.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Avoid contact with skin and eyes, inhalation of vapours and mists.

Exercise the greatest care when handling or opening the container.

Don't use empty container before they have been cleaned.

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
PRIAM 32005 JAUNE VERT 3389 MT PA**

Before making transfer operations, ensure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities

Always keep in a well ventilated place.

Store at ambient temperatures. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

Occupational exposure limit values

toluene - CAS: 108-88-3

- OEL Type: National - TWA(8h): 190 mg/m³ - Notes: Germany - DFG, H, Y

- OEL Type: National - TWA(8h): 76.8 mg/m³, 20 ppm - STEL(15min (Miw)): 384 mg/m³, 100 ppm - Behaviour: Binding - Notes: France VLEC - TMP N° 4bis, 84 ; peau

- OEL Type: EU - TWA(8h): 192 mg/m³, 50 ppm - STEL: 384 mg/m³, 100 ppm - Notes: Skin

- OEL Type: National - TWA: 191 mg/m³, 50 ppm - STEL: 384 mg/m³, 100 ppm - Notes: UK (WELs)

- OEL Type: ACGIH - TWA(8h): 20 ppm - Notes: OTO; A4; BEI - CNS, visual & hearing impair; female repro system eff; pregnancy loss

- OEL Type: MAK - TWA: 190 mg/m³, 50 ppm - STEL(15min (Miw)): 380 mg/m³, 100 ppm - Notes: Osterreich

n-butyl acetate - CAS: 123-86-4

- OEL Type: National - TWA: 241 mg/m³, 50 ppm - STEL: 723 mg/m³, 150 ppm - Behaviour: Binding - Notes: France, VLEPC

- OEL Type: National - TWA: 150 ppm - STEL: 200 ppm - Notes: United Kingdom

- OEL Type: National - TWA(8h): 300 mg/m³, 62 ppm - Notes: Germany

- OEL Type: ACGIH - TWA(8h): 50 ppm - STEL: 150 ppm - Notes: Eye and URT irr

- OEL Type: National - TWA(8h): 238 mg/m³, 50 ppm - STEL: 712 mg/m³, 150 ppm - Notes: BELGIQUE

- OEL Type: National - TWA(8h): 480 mg/m³, 99 ppm - Notes: PAYS-BAS

- OEL Type: National - TWA: 480 mg/m³, 100 ppm - STEL(Mow): 480 mg/m³, 100 ppm - Notes: Osterreich

- OEL Type: EU - TWA(8h): 241 mg/m³, 50 ppm - STEL: 723 mg/m³, 150 ppm

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

PRIAM 32005 JAUNE VERT 3389 MT PA

4-methylpentan-2-one; isobutyl methyl ketone - CAS: 108-10-1

- OEL Type: EU - TWA(8h): 83 mg/m³, 20 ppm - STEL: 208 mg/m³, 50 ppm
- OEL Type: ACGIH - TWA(8h): 20 ppm - STEL: 75 ppm - Notes: A3, BEI - URT irr, dizziness, headache
- OEL Type: National - TWA(4h): 83 mg/m³, 20 ppm - STEL: 208 mg/m³, 50 ppm - Behaviour: Binding - Notes: France

Titanium dioxide - CAS: 13463-67-7

- OEL Type: ACGIH - TWA(8h): 0.2 mg/m³ - Notes: Nanoscale particles; (R); A3 - LRT irr, pneumoconiosis
- OEL Type: National - TWA: 10 mg/m³ - Notes: France (a,TiO₂)
- OEL Type: National - TWA: 5 mg/m³ - Notes: France (a,dust)
- OEL Type: National - TWA: 10 mg/m³ - Notes: Belgium
- OEL Type: National - TWA: 4 mg/m³ - STEL: 12 mg/m³ - Notes: UK
- OEL Type: National - TWA: 10 mg/m³ - Notes: Spain
- OEL Type: National - TWA: 10 mg/m³ - Notes: Portugal
- OEL Type: National - TWA: 6 mg/m³ - Notes: Denmark
- OEL Type: National - TWA: 5 mg/m³ - STEL: 10 mg/m³ - Notes: Austria
- OEL Type: National - TWA: 3 mg/m³ - Notes: Switzerland
- OEL Type: National - TWA: 10 mg/m³ - STEL: 30 mg/m³ - Notes: Poland
- OEL Type: National - TWA: 10 mg/m³ - STEL: 5 mg/m³ - Notes: Norway
- OEL Type: National - TWA: 12 mg/m³ - STEL: 4 mg/m³ - Notes: Ireland
- OEL Type: National - TWA: 5 mg/m³ - Notes: Swedish (NGV) ; Biologiska gränsvärden för yrkesexponering
- OEL Type: ACGIH - TWA(8h): 2.5 mg/m³ - Notes: Finescale particles; (R); A3 - LRT irr, pneumoconiosis

reaction mass of ethylbenzene and xylene - CAS: 1330-20-7

- OEL Type: National - TWA(8h): 221 mg/m³, 50 ppm - STEL: 442 mg/m³, 100 ppm - Notes: France VLEC - TMP N° 4Bis, 84
- OEL Type: National - TWA(8h): 440 mg/m³, 100 ppm - Notes: Germany - DFG, H
- OEL Type: National - TWA(8h): 220 mg/m³, 50 ppm - STEL: 441 mg/m³, 100 ppm - Notes: UK (WELs)
- OEL Type: EU - TWA(8h): 221 mg/m³, 50 ppm - STEL: 442 mg/m³, 100 ppm - Notes: Skin
- OEL Type: ACGIH - TWA(8h): 20 ppm - Notes: A4, BEI - URT and eye irr; hematologic eff; CNS impair
- OEL Type: National - TWA: 435 mg/m³, 100 ppm - STEL: 870 mg/m³, 200 ppm - Notes: Swiss - SUVA
- OEL Type: National - TWA: 221 mg/m³, 50 ppm - STEL(15min (Miw)): 442 mg/m³, 100 ppm - Notes: Österreich
- OEL Type: National - TWA: 221 mg/m³, 50 ppm - Notes: TWA:Poland

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

- OEL Type: ACGIH - TWA(8h): 150 ppm - STEL: 100 ppm
- OEL Type: National - TWA(8h): 275 mg/m³, 50 ppm - STEL: 550 mg/m³, 100 ppm - Behaviour: Binding - Notes: France VLEPC
- OEL Type: National - TWA(8h): 270 mg/m³, 50 ppm - Notes: GERMANY

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

PRIAM 32005 JAUNE VERT 3389 MT PA

- OEL Type: National - TWA(8h): 274 mg/m³, 50 ppm - STEL: 548 mg/m³, 100 ppm - Notes: UK (WELs)
- OEL Type: National - TWA: 260 mg/m³ - STEL: 520 mg/m³ - Notes: POLAND
- OEL Type: EU - TWA(8h): 275 mg/m³, 50 ppm - STEL: 550 mg/m³, 100 ppm - Notes: Skin
- OEL Type: AIHA
- TWA: 50 ppm
- OEL Type: National - TWA: 275 mg/m³, 50 ppm - STEL(5 min (Mow)): 550 mg/m³, 100 ppm - Notes: Österreich
- OEL Type: National - TWA: 270 mg/m³, 50 ppm - Notes: Norway (Skin)
- ethylbenzene - CAS: 100-41-4
- OEL Type: National - TWA(8h): 88.4 mg/m³, 20 ppm - Notes: Germany - EU, H
- OEL Type: National - TWA(8h): 88.4 mg/m³, 20 ppm - STEL: 442 mg/m³, 100 ppm - Notes: France VLEC - TMP N° 84
- OEL Type: National - TWA(8h): 441 mg/m³, 100 ppm - STEL: 552 mg/m³, 125 ppm - Notes: UK (WELs)
- OEL Type: EU - TWA(8h): 442 mg/m³, 100 ppm - STEL: 884 mg/m³, 200 ppm - Notes: Skin
- OEL Type: ACGIH - TWA(8h): 20 ppm - Notes: OTO; A3, BEI - URT & eye irr; ototoxicity; kidney eff; CNS impair
- OEL Type: National - STEL: 220 mg/m³ - Notes: Swiss
- OEL Type: MAK - TWA: 440 mg/m³, 100 ppm - STEL(5 min (Mow)): 880 mg/m³, 200 ppm - Notes: Österreich
- Cumene - CAS: 98-82-8
- OEL Type: EU - TWA(8h): 50 mg/m³, 10 ppm - STEL: 250 mg/m³, 50 ppm - Notes: Skin
- OEL Type: ACGIH - TWA(8h): 5 ppm - Notes: A3 - URT adenoma, neurological eff
- OEL Type: National - TWA(8h): 50 mg/m³, 10 ppm - STEL(15min (Miw)): 250 mg/m³, 50 ppm - Behaviour: Binding - Notes: France, VLEPC / peau
- OEL Type: National - TWA: 50 mg/m³ - STEL: 250 mg/m³ - Notes: Poland (Skin / skóra)
- 1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2
- OEL Type: National - TWA(8h): 188 mg/m³, 50 ppm - STEL: 375 mg/m³, 100 ppm - Behaviour: Binding - Notes: France VLEC - INRS TMP N°84
- OEL Type: National - TWA: 370 mg/m³, 100 ppm - Notes: Germany
- OEL Type: National - TWA: 180 mg/m³ - STEL: 360 mg/m³ - Notes: Poland
- OEL Type: EU - TWA(8h): 375 mg/m³, 100 ppm - STEL: 563 mg/m³, 150 ppm - Notes: Skin
- OEL Type: ACGIH - TWA(8h): 50 ppm - STEL: 100 ppm - Notes: A4 - Eye and URT irr
- OEL Type: National - TWA: 187 mg/m³, 50 ppm - STEL(15min (Miw)): 187 mg/m³, 50 ppm - Notes: Austria
- OEL Type: National - TWA(8h): 375 mg/m³, 100 ppm - STEL(15min (Miw)): 560 mg/m³, 150 ppm - Notes: United Kingdom - Skin
- OEL Type: National - TWA(8h): 188 mg/m³, 50 ppm - STEL: 375 mg/m³, 100 ppm - Notes: Canada (Gazette Officielle du Québec, January 4, 2023, Vol. 155, No.1)
- OEL Type: National - TWA: 180 mg/m³, 50 ppm - Notes: Norway (skin)
- OEL Type: DOW IHG - TWA: 1.5 ppm - STEL: 4.5 ppm

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
PRIAM 32005 JAUNE VERT 3389 MT PA**

DNEL Exposure Limit Values

toluene - CAS: 108-88-3

Worker Professional: 384 mg/m³ - Consumer: 226 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effectsWorker Professional: 192 mg/m³ - Consumer: 56.5 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Professional: 180 mg/kg - Consumer: 226 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 8.13 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Professional: 384 mg/m³ - Consumer: 226 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

n-butyl acetate - CAS: 123-86-4

Worker Industry: 11 mg/kg - Consumer: 6 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 300 mg/m³ - Consumer: 35.7 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 2 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Industry: 600 mg/m³ - Consumer: 300 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 11 mg/kg - Consumer: 2 mg/kg - Exposure: Human Oral - Frequency: Short Term, systemic effects

Worker Industry: 600 mg/m³ - Consumer: 300 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effectsWorker Industry: 300 mg/m³ - Consumer: 35.7 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Worker Industry: 11 mg/kg - Consumer: 6 mg/kg - Exposure: Human Dermal - Frequency: Short Term, systemic effects

4-methylpentan-2-one; isobutyl methyl ketone - CAS: 108-10-1

Worker Industry: 208 mg/m³ - Consumer: 155.2 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effectsWorker Industry: 208 mg/m³ - Consumer: 155.2 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 11.8 mg/kg b.w./day - Consumer: 4.2 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 83 mg/m³ - Consumer: 14.7 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 4.2 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Industry: 83 mg/m³ - Consumer: 14.7 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Titanium dioxide - CAS: 13463-67-7

Worker Industry: 10 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Consumer: 700 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
PRIAM 32005 JAUNE VERT 3389 MT PA**

reaction mass of ethylbenzene and xylene - CAS: 1330-20-7

Worker Industry: 77 mg/m³ - Consumer: 14.8 mg/m³ - Exposure: Human Inhalation -
Frequency: Long Term, systemic effects

Worker Industry: 289 mg/m³ - Consumer: 174 mg/kg b.w./day - Exposure: Human
Inhalation - Frequency: Short Term, local effects

Worker Industry: 289 mg/m³ - Consumer: 174 mg/kg b.w./day - Exposure: Human
Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 180 mg/kg b.w./day - Consumer: 108 mg/kg b.w./day - Exposure: Human
Dermal - Frequency: Long Term, systemic effects

Consumer: 1.6 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic
effects

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Worker Industry: 796 mg/kg b.w./day - Consumer: 320 mg/kg b.w./day - Exposure: Human
Dermal - Frequency: Long Term, systemic effects

Worker Industry: 275 mg/m³ - Consumer: 33 mg/m³ - Exposure: Human Inhalation -
Frequency: Long Term, systemic effects

Consumer: 36 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic
effects

Worker Industry: 550 mg/m³ - Consumer: 33 mg/m³ - Exposure: Human Inhalation -
Frequency: Long Term, local effects

ethylbenzene - CAS: 100-41-4

Worker Industry: 77 mg/m³ - Consumer: 15 mg/m³ - Exposure: Human Inhalation -
Frequency: Long Term, systemic effects

Consumer: 1.6 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Industry: 180 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic
effects

Worker Industry: 293 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local
effects

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

Worker Industry: 369 mg/m³ - Consumer: 43.9 mg/m³ - Exposure: Human Inhalation -
Frequency: Long Term, systemic effects

Worker Industry: 50.6 mg/kg b.w./day - Consumer: 18.1 mg/kg b.w./day - Exposure:
Human Dermal - Frequency: Long Term, systemic effects

Consumer: 3.3 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic
effects

Worker Industry: 553.5 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term
(acute)

PNEC Exposure Limit Values

toluene - CAS: 108-88-3

Target: Fresh Water - Value: 0.68 mg/l

Target: Freshwater sediments - Value: 16.39 mg/kg

Target: Soil (agricultural) - Value: 2.89 mg/kg

Target: Microorganisms in sewage treatments - Value: 13.61 mg/l

n-butyl acetate - CAS: 123-86-4

Target: Fresh Water - Value: 0.18 mg/l

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
PRIAM 32005 JAUNE VERT 3389 MT PA

- Target: Marine water - Value: 0.018 mg/l
- Target: Freshwater sediments - Value: 0.981 mg/kg
- Target: Water (intermittent discharge) - Value: 0.36 mg/l
- Target: Marine water sediments - Value: 0.0981 mg/kg
- Target: Soil - Value: 0.0903 mg/kg
- Target: Microorganisms in sewage treatments - Value: 35.6 mg/l
- 4-methylpentan-2-one; isobutyl methyl ketone - CAS: 108-10-1
 - Target: Fresh Water - Value: 0.6 mg/l
 - Target: Soil - Value: 1.3 mg/kg dw
 - Target: Freshwater sediments - Value: 8.27 mg/kg dw
 - Target: Sewage treatment plant - Value: 27.5 mg/l
- Titanium dioxide - CAS: 13463-67-7
 - Target: Fresh Water - Value: 0.184 mg/l
 - Target: Fresh water - temporary - Value: 0.61 mg/l
 - Target: Marine water - Value: 0.0184 mg/l
 - Target: Sewage treatment plant - Value: 100 mg/l
 - Target: Freshwater sediments - Value: 1000 mg/kg dw
 - Target: Marine water sediments - Value: 100 mg/kg dw
 - Target: Soil - Value: 100 mg/kg dw
- reaction mass of ethylbenzene and xylene - CAS: 1330-20-7
 - Target: Fresh Water - Value: 0.327 mg/l
 - Target: Water (intermittent discharge) - Value: 0.327 mg/l
 - Target: Marine water - Value: 0.327 mg/l
 - Target: Sewage treatment plant - Value: 6.58 mg/l
 - Target: Freshwater sediments - Value: 12.46 mg/kg
 - Target: Marine water sediments - Value: 12.46 mg/kg
 - Target: Soil - Value: 2.31 mg/kg
- 2-methoxy-1-methylethyl acetate - CAS: 108-65-6
 - Target: Fresh Water - Value: 0.635 mg/l
 - Target: Marine water - Value: 0.0635 mg/l
 - Target: Microorganisms in sewage treatments - Value: 100 mg/l
 - Target: Freshwater sediments - Value: 3.29 mg/kg dw
 - Target: Marine water sediments - Value: 0.329 mg/kg dw
 - Target: Soil - Value: 0.29 mg/kg
 - Target: PNEC intermittent - Value: 6.35 mg/l
- ethylbenzene - CAS: 100-41-4
 - Target: Marine water - Value: 0.01 mg/l - Notes:: factor assessment : 10
 - Target: Marine water - Value: 0.1 mg/l - Notes:: factor assessment : 18
 - Target: PNEC predator - Value: 2.68 mg/kg - Notes:: ECHA
- 1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2
 - Target: Fresh Water - Value: 10 mg/l
 - Target: Freshwater sediments - Value: 41.6 mg/kg
 - Target: Marine water sediments - Value: 4.17 mg/kg
 - Target: Soil (agricultural) - Value: 2.47 mg/kg
 - Target: Microorganisms in sewage treatments - Value: 100 mg/l

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

PRIAM 32005 JAUNE VERT 3389 MT PA

Target: Marine water - Value: 1 mg/l

Target: Water (intermittent discharge) - Value: 100 mg/l

Biological Exposure Index

reaction mass of ethylbenzene and xylene - CAS: 1330-20-7

Remark: ACGIH BEL (2009)

Remark: FR IBE (1997)

8.2. Exposure controls

See below, example of PPE to use.

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Use adequate protective respiratory equipment.

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

Other conditions affecting workers exposure:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	Olive	--	--
Odour:	de solvant/ solvent-like	--	--
Melting point/freezing point:	Not Relevant	--	--
Boiling point or initial boiling point and boiling range:	>36°C	--	--
Flammability:	Flam. Liq. 2, H225	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point (°C):	~4°C	--	--

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
PRIAM 32005 JAUNE VERT 3389 MT PA

Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	Not Relevant	--	--
pH:	Not Relevant	--	--
Kinematic viscosity:	> 20,5 mm ² /sec (40 °C)	--	--
Solubility in water:	non miscible/ immiscible	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	<1.000 hPa (50°C)	--	--
Density and/or relative density:	~1.19 g/cm ³ (23°C)	--	--
Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes
Viscosity:	>20,6 mm ² /s (40°C)	--	--

Volatile Organic compounds - VOCs = 29,99 %
 Volatile Organic compounds - VOCs = 356,88 g/l

N.A. = not available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
PRIAM 32005 JAUNE VERT 3389 MT PA****10.4. Conditions to avoid**

Stable under normal conditions.

10.5. Incompatible materials

Strong oxidizers.

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Toxicological information of the product:

PRIAM 32005 JAUNE VERT 3389 MT PA

Acute toxicity

Not classified

Based on available data, the classification criteria are not met

ATEmix - Dermal 73391 mg/kg bw

ATEmix - Inhalation (Vapours) 117,001 mg/l

Skin corrosion/irritation

The product is classified: Skin Irrit. 2 H315

Serious eye damage/irritation

Not classified

Based on available data, the classification criteria are not met

Respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

Germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

Carcinogenicity

The product is classified: Carc. 2 H351

Reproductive toxicity

The product is classified: Repr. 2 H361d

STOT-single exposure

The product is classified: STOT SE 3 H336

STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

Aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

toluene - CAS: 108-88-3

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 5580 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

Test: LC50 - Route: Inhalation Vapour - Species: Rat = 28.1 mg/l - Duration: 4h

n-butyl acetate - CAS: 123-86-4

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
PRIAM 32005 JAUNE VERT 3389 MT PA**

Acute toxicity:

Test: LD50 - Route: Skin - Species: Rabbit > 14000 mg/kg

Test: LD50 - Route: Oral - Species: Rat = 10736 mg/kg

Test: LC50 - Route: Inhalation Dust - Species: Rat = 23.4 mg/l - Duration: 4h

Test: LC50 - Route: Inhalation Mist - Species: Rat = 23.4 mg/l - Duration: 4h

Test: LC50 - Route: Inhalation (aerosol) - Species: Rabbit (male, female) = 0.74 mg/l -
Duration: 4h - Source: OECD 403Test: LC50 - Route: Inhalation Vapour - Species: Rat > 21.1 mg/l - Duration: 4h - Source:
OECD 403

Test: LC0 - Route: Inhalation Vapour - Species: Rat > 38.32 mg/l - Duration: 6 hours

Reproductive toxicity:

Test: LOAEC - Route: Inhalation Vapour - Species: Rat = 1500 ppm - Source: OECD 414

Test: NOAEC - Route: Inhalation Vapour - Species: mouse (Male, female) = 2000 ppm -
Duration: 90 Jours - Source: OECD 416

STOT-repeated exposure:

Test: NOAEC - Route: Inhalation - Species: Rat (Male, female) = 500 ppm - Duration: 13
weeks - Source: EPA OTS 798.2450Test: NOAEL - Route: Oral - Species: Rat (Male, female) = 125 mg/kg bw/day - Duration:
13 weeks

Test: LOAEL

- Route: Oral - Species: mouse (Male, female) = 500 mg/kg bw/day - Duration: 13 days

4-methylpentan-2-one; isobutyl methyl ketone - CAS: 108-10-1

Acute toxicity

ATE - Oral 2080 mg/kg bw

ATE - Inhalation (Vapours) 11 mg/l

Test: ATE - Route: Inhalation Vapour = 11 mg/l - Source: Reg. (CE) No. 1272/2008

Test: ATE - Route: Oral = 2080 mg/kg

Test: LD50 - Route: Oral - Species: Rat = 2080 mg/kg - Source: OECD 401

Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg - Source: OECD 402

Test: LC50 - Route: Inhalation - Species: Rat > 8.2 mg/l - Duration: 4h - Source: OECD
403Test: LC50 - Route: Inhalation - Species: Rat < 16.4 mg/l - Duration: 4h - Source: OECD
403

Titanium dioxide - CAS: 13463-67-7

Acute toxicity:

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat > 6.82 mg/l - Duration: 4h

STOT-repeated exposure:

Test: NOAEL - Route: Oral - Species: Rat (Male, female) > 1000 mg/kg - Duration: 90
Jours - Source: OECD 408 - Subchronic toxicityTest: NOAEL - Route: Oral - Species: Rat (male) = 24000 mg/kg - Duration: 29 days -
Source: OECD 407 - Subchronic toxicity

reaction mass of ethylbenzene and xylene - CAS: 1330-20-7

Acute toxicity

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
PRIAM 32005 JAUNE VERT 3389 MT PA**

ATE - Dermal 1100 mg/kg bw
ATE - Inhalation (Vapours) 11 mg/l
Test: LD50 - Route: Skin = 1100 mg/kg
Test: LC50 - Route: Inhalation Vapour = 11 mg/l

Carcinogenicity:

Test: NOAEL - Route: Oral - Species: Rat > 500 mg/kg bw/day

Reproductive toxicity:

Test: NOAEC - Route: Inhalation - Species: Rat = 500 ppm - Notes: fertilité/fertility
Test: NOAEC - Route: Inhalation - Species: Rat = 100 ppm - Notes:
développement/development

Aspiration hazard:

= 0.812 cP - Notes: @20°C

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg - Source: OECD 401
Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg - Source: OECD 402
Test: LC50 - Route: Inhalation - Species: Rat > 10.8 mg/l
Test: LC50 - Route: Skin - Species: Rabbit > 5000 mg/kg - Source: OECD 402
Test: LC0 - Route: Inhalation Vapour - Species: Rabbit = 23.5 mg/l - Source: OECD 403
Test: ATE - Route: Oral > 5000 mg/kg
Test: ATE - Route: Inhalation Vapour > 23.5 mg/l - Duration: 6 hours
Test: ATE - Route: Skin > 5000 mg/kg

ethylbenzene - CAS: 100-41-4

Acute toxicity

ATE - Inhalation (Vapours) 11 mg/l
Test: LD50 - Route: Skin - Species: Rabbit = 4100 mg/kg
Test: LD50 - Route: Oral - Species: Rat = 3500 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat > 20 mg/l - Duration: 4h
Test: LCL0 - Route: Inhalation - Species: Rat = 4000 ppm - Duration: 4h

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

Acute toxicity

ATE - Oral 3739 mg/kg bw
ATE - Dermal 2001 mg/kg bw
ATE - Inhalation (Vapours) 30,02 mg/l
Test: LD50 - Route: Oral - Species: Rat (male) = 3739 mg/kg - Source: OECD 401
Test: LD50 - Route: Oral - Species: Rat (female) = 4277 mg/kg - Source: OECD 401
Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat > 5 mg/l - Duration: 4h
Test: LC50 - Route: Inhalation Vapour - Species: Rat (Male, female) = 30.02 mg/l -
Duration: 4h - Source: OECD 403
Test: ATE - Route: Oral = 3739 mg/kg
Test: ATE - Route: Inhalation Vapour = 30.02 mg/l - Duration: 4h

11.2. Information on other hazards

Endocrine disrupting properties:

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
PRIAM 32005 JAUNE VERT 3389 MT PA**

No endocrine disruptor substances present in concentration $\geq 0.1\%$

Other toxicological information:

toluene

Skin contact:

Irritating effect

Eye contact:

Irritating effect

Inhalation of high concentration of vapours may cause irritation of the respiratory system.

Inhalation of high concentration vapours causes a narcotic reaction on the central nervous system, and severe lung damage.

Ingestion may cause irritation of the digestive tract, nausea, vomiting and diarrhea, abdominal pain.

Risk of central nervous system depression.

-

reaction mass of ethylbenzene and xylene

Skin contact:

Irritating effect

Ingestion:

Ingestion may cause irritation of the digestive tract, nausea, vomiting and diarrhea, abdominal pain.

Harmful by inhalation.

SECTION 12: Ecological information**12.1. Toxicity**

Adopt good working practices, so that the product is not released into the environment.

PRIAM 32005 JAUNE VERT 3389 MT PA

Not classified for environmental hazards

Based on available data, the classification criteria are not met

toluene - CAS: 108-88-3

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae = 134 mg/l - Duration h: 3 - Notes: Chlorella vulgaris

Endpoint: EC50 - Species: Daphnia = 3.78 mg/l - Duration h: 48

Endpoint: LC50 - Species: Fish = 5.5 mg/l - Duration h: 96 - Notes: Oncorhynchus kisutch

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia = 0.74 mg/l - Duration h: 168 - Notes: Ceriodaphnia dubia

Endpoint: NOEC - Species: Algae = 10 mg/l - Duration h: 72 - Notes: Skeletonema costatum

Endpoint: EC50 - Species: Daphnia = 3.23 mg/l - Duration h: 168 - Notes: Ceriodaphnia dubia

Endpoint: LOEC

- Species: Daphnia = 2.76 mg/kg/d - Duration h: 168 - Notes: Ceriodaphnia dubia

Endpoint: NOEC - Species: Fish = 1.39 mg/l - Duration h: 960 - Notes: Oncorhynchus kisutch

Endpoint: LOEC

- Species: Fish = 2.77 mg/l - Duration h: 960 - Notes: Oncorhynchus kisutch

c) Bacteria toxicity:

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

PRIAM 32005 JAUNE VERT 3389 MT PA

Endpoint: NOEC - Species: bacteria = 29 mg/l - Duration h: 16 - Notes: pseudomonas putida
n-butyl acetate - CAS: 123-86-4

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae = 647.7 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus

Endpoint: NOEC - Species: Algae = 200 mg/l - Notes: Desmodesmus subspicatus

Endpoint: EC50 - Species: Aquatic plants = 397 mg/l - Duration h: 72 - Notes: DIN 38412 Part. 9, Pseudokirchneriella subcapitata

Endpoint: LC50 - Species: Fish = 18 mg/l - Duration h: 96 - Notes: OECD 203, Pimephales promelas

Endpoint: EC50 - Species: bacteria = 356 mg/l - Duration h: 40 - Notes: Tetrahymena pyriformis

Endpoint: EC50 - Species: Daphnia = 44 mg/l - Duration h: 48 - Notes: OECD 202

Endpoint: ErC50 - Species: Aquatic plants = 397 mg/l - Duration h: 72 - Notes: OECD 201, Pseudokirchneriella subcapitata

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia = 23 mg/l - Duration h: 504 - Notes: OCDE 211

Endpoint: NOEC - Species: Aquatic plants = 196 mg/l - Duration h: 72 - Notes: OECD 201, Pseudokirchneriella subcapitata

Endpoint: IC50 - Species: bacteria = 356 mg/l - Duration h: 40 - Notes: TETRATOX assay, Tetrahymena pyriformis

d) Terrestrial toxicity:

Endpoint: EC50 > 1000 mg/kg - Duration h: 336 - Notes: Lactuca sativa

4-methylpentan-2-one; isobutyl methyl ketone - CAS: 108-10-1

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 179 mg/l - Duration h: 96 - Notes: Danio rerio; OECD 203

Endpoint: EC50 - Species: Daphnia > 200 mg/l - Duration h: 48 - Notes: Daphnia magna; OECD 202

Endpoint: NOEC - Species: Daphnia = 30 mg/l - Duration h: 504 - Notes: Daphnia magna; OECD 211

Endpoint: EC50 - Species: bacteria = 275 mg/l - Duration h: 16 - Notes: Pseudomonas putida; DIN 38412 T.8

Titanium dioxide - CAS: 13463-67-7

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96 - Notes: OECD 203 ; Oncorhynchus mykiss

Endpoint: LC50 - Species: Daphnia > 100 mg/l - Duration h: 48 - Notes: OECD 202 ; Daphnia magna

Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 72 - Notes: OECD 201 ; Pseudokirchneriella subcapitata

Endpoint: NOEC - Species: Algae >= 100 mg/l - Duration h: 72 - Notes: OECD 201 ; Pseudokirchneriella subcapitata

Endpoint: EC50 - Species: bacteria > 1000 mg/l - Duration h: 3 - Notes: OECD 209 - Activated sludge

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

PRIAM 32005 JAUNE VERT 3389 MT PA

reaction mass of ethylbenzene and xylene - CAS: 1330-20-7

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 2.6 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

Endpoint: IC50 - Species: Aquatic invertebrates = 1 mg/kg/d - Duration h: 24 - Notes: Daphnia magna

Endpoint: EC50 - Species: Aquatic plants = 2.2 mg/l - Duration h: 73 - Notes: Pseudokirchneriella subcapitata

Endpoint: NOEC - Species: activated sludge = 157 mg/l - Duration h: 3

Endpoint: NOEC - Species: Fish > 1.3 mg/l - Duration h: 1344 - Notes: Oncorhynchus mykiss

Endpoint: NOAEL - Species: Aquatic invertebrates = 1.17 mg/l - Duration h: 168 - Notes: Ceriodaphnia dubia

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Aquatic plants > 1000 mg/l - Duration h: 72 - Notes: Selenastrum capricornutum, OECD 201

Endpoint: LC50 - Species: Fish = 134 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss, OECD 203

Endpoint: EC50 - Species: Invertebrates > 500 mg/l - Duration h: 48 - Notes: Daphnia magna

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish = 47.5 mg/l - Duration h: 336 - Notes: Oryzias latipes, OECD 204

Endpoint: NOEC - Species: Invertebrates > 100 mg/l - Duration h: 504 - Notes: Daphnia magna, OECD 202

ethylbenzene - CAS: 100-41-4

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia > 1.37 mg/l - Duration h: 48

Endpoint: EC50 - Species: Daphnia < 4.4 mg/l - Duration h: 48

Endpoint: LC50 - Species: Fish = 4.2 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish > 1 mg/l

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 1000 mg/l - Duration h: 96 - Notes: Leuciscus idus, LC/EC/IC50

Endpoint: LC50 - Species: Daphnia > 1000 mg/l - Duration h: 48 - Notes: LC/EC/IC50

Endpoint: LC50 - Species: Algae > 1000 mg/l - Notes: LC/EC/IC50

Endpoint: LC50 - Species: Fish < 4600 mg/l - Duration h: 96 - Notes: Leuciscus idus

12.2. Persistence and degradability

toluene - CAS: 108-88-3

Biodegradability: Readily biodegradable - Duration: 14 days - %: 100

n-butyl acetate - CAS: 123-86-4

Biodegradability: Biodegradability rate - Test: OECD 301D - Duration: 5 days - %: 83% - Notes: CEE 92/69, C.4-E

4-methylpentan-2-one; isobutyl methyl ketone - CAS: 108-10-1

Biodegradability: Readily biodegradable - Test: OECD 301F - %: 83%

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Biodegradability: Biological oxygen demand (BOD) - Test: OECD 301F - Duration: 28 days - %: 83% - Notes: ISO 9408; 92/69/CEE, C.4-D

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
PRIAM 32005 JAUNE VERT 3389 MT PA

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

Biodegradability: Readily biodegradable

12.3. Bioaccumulative potential

toluene - CAS: 108-88-3

BCF 90

Log Pow 2.65

n-butyl acetate - CAS: 123-86-4

BCF 15.3

Log Kow 2.3 - Notes: 25 °C

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

BCF < 100

Log Pow < 3

ethylbenzene - CAS: 100-41-4

Log Kow 3.15

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

Log Pow 0.37

12.4. Mobility in soil

n-butyl acetate - CAS: 123-86-4

Log Koc 1.268

Volatility (H: Henry's Law Constant) 28.5 Pa.m³/mol - Notes: 25 °C

reaction mass of ethylbenzene and xylene - CAS: 1330-20-7

Log Koc 2.73 - Notes: @20-25°C

Volatility (H: Henry's Law Constant) 623-665 Pa m³/mol - Notes: @25°C

Surface tension 29.76 mN/m - Notes: @25°C

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration >= 0.1%

12.7. Other adverse effects

No harmful effects expected.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

Codes of wastes (Décision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste):

08 01 11* wastes of paint and varnish containing organic solvents or other dangerous substances

SECTION 14: Transport information



14.1. UN number or ID number

ADR-UN Number: 1263

IATA-UN Number: 1263

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
PRIAM 32005 JAUNE VERT 3389 MT PA

IMDG-UN Number: 1263

14.2. UN proper shipping name

ADR-Shipping Name: PAINT

IATA-Shipping Name: PAINT

IMDG-Shipping Name: PAINT

14.3. Transport hazard class(es)

ADR-Class: 3

ADR - Hazard identification number: 33

IATA-Class: 3

IATA-Label: 3

IMDG-Class: 3

14.4. Packing group

ADR-Packing Group: II

IATA-Packing group: II

IMDG-Packing group: II

14.5. Environmental hazards

ADR-Environmental Pollutant: No

IMDG-Marine pollutant: No

IMDG-EmS: F-E , S-E

14.6. Special precautions for user

ADR-Subsidiary hazards: -

ADR-S.P.: 163 367 640D 650

ADR-Transport category (Tunnel restriction code): 2 (D/E)

IATA-Passenger Aircraft: 353

IATA-Subsidiary hazards: -

IATA-Cargo Aircraft: 364

IATA-S.P.: A3 A72 A192

IATA-ERG: 3L

IMDG-Subsidiary hazards: -

IMDG-Stowage and handling: Category B

IMDG-Segregation: -

Q.L.: 5L

Q.E.: E2

14.7. Maritime transport in bulk according to IMO instruments

N.A.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
PRIAM 32005 JAUNE VERT 3389 MT PA**

Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Regulation (EU) n. 2021/643 (ATP 16 CLP)
Regulation (EU) n. 2021/849 (ATP 17 CLP)
Regulation (EU) n. 2022/692 (ATP 18 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3
Restriction 40

Restrictions related to the substances contained:

Restriction 30
Restriction 48
Restriction 70
Restriction 75

Listed or in compliance with the following international inventories:

Labelling of detergents (EC Regulations 648/2004 and 907/2006):

N.A.

Labelling of biocides (Regulations 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8/EC):

N.A.

N.A.

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.

1999/13/EC (VOC directive)

Dir. 2004/42/EC (VOC directive)

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

PRIAM 32005 JAUNE VERT 3389 MT PA

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

Product belongs to category: P5c

15.2. Chemical safety assessment

No

SECTION 16: Other information

N.A.: Not Applicable or Not Available

Full text of phrases referred to in Section 3:

H225 Highly flammable liquid and vapour.

H361d Suspected of damaging the unborn child.

H304 May be fatal if swallowed and enters airways.

H373 May cause damage to organs through prolonged or repeated exposure.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

H226 Flammable liquid and vapour.

EUH066 Repeated exposure may cause skin dryness or cracking.

H351 Suspected of causing cancer.

H332 Harmful if inhaled.

H319 Causes serious eye irritation.

H312 Harmful in contact with skin.

H335 May cause respiratory irritation.

H373 (hearing organs) May cause damage to organs (hearing organs) through prolonged or repeated exposure.

H350 May cause cancer.

H411 Toxic to aquatic life with long lasting effects.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 4	3.1/4/Dermal	Acute toxicity (dermal), Category 4
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Irrit. 2	3.2/2	Skin irritation, Category 2

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
PRIAM 32005 JAUNE VERT 3389 MT PA

Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Carc. 1B	3.6/1B	Carcinogenicity, Category 1B
Carc. 2	3.6/2	Carcinogenicity, Category 2
Repr. 2	3.7/2	Reproductive toxicity, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
STOT RE 2	3.9/2	Specific target organ toxicity - repeated exposure, Category 2
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

This safety data sheet has been completely updated in compliance to Regulation 2020/878. Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Flam. Liq. 2, H225	On basis of test data
Skin Irrit. 2, H315	Calculation method
Carc. 2, H351	Calculation method
Repr. 2, H361d	Calculation method
STOT SE 3, H336	Calculation method

Due to the integration of the Mader Aero products range into the Socomore Group, all Safety Data Sheets have been re-evaluated on the basis of consolidated information. This may have led to significant changes in our Safety Data Sheets. If you have any questions regarding these changes, you can contact us at the address indicated in section 1.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

- ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
- SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
- CCNL - Appendix 1
- Insert further consulted bibliography

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

PRIAM 32005 JAUNE VERT 3389 MT PA

Important confidentiality : this document contains confidential information that is proprietary to SOCOMORE. Subject to legal provisions determining otherwise, the distribution, republication or re-transmission of this document, in full or in part, must be limited to clearly identified individuals, either because they use the product, or to provide HSE information. Any communication of this document outside of this framework without our written consent is strictly forbidden.

SOCOMORE strongly advises every recipient of this safety data sheet to read it carefully and to consult experts in the field if necessary or appropriate, in order to understand the information it contains, notably the possible dangers associated with this product. The users must ensure the conformity and completeness of this information with regards to their specific use of the product.

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the responsibility of the purchaser/user to ensure that their activities conform with current legislation in force.

The information is considered correct, but it is not exhaustive and it shall be used only as a guide which is based on the current knowledge of the substance or mixture and it is applicable to the safety precautions appropriate for the product.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))**PRIAM 32005 JAUNE VERT 3389 MT PA**

STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
STOT SE:	May cause drowsiness or dizziness
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.