

A Composite Prime Product

abzorb^{it}

SAFETY DATA SHEET



Composite Prime[®]
Natural Evolution

A Composite Prime Product

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Grease & Oil Stain Remover

SAFETY DATA SHEET

Section 1: Hazards identification

1.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Flam. Aerosol 1: H222; STOT SE 3: H336; -: EUH066; -: H229

Most important adverse effects: Repeated exposure may cause skin dryness or cracking. Extremely flammable aerosol. Pressurised container: May burst if heated. Causes serious eye irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

1.2. Label elements

Hazard statements: EUH066: Repeated exposure may cause skin dryness or cracking.
H222: Extremely flammable aerosol.
H229: Pressurised container: May burst if heated.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.
H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS02: Flame.
GHS07: Exclamation mark.
GHS09: Environmental.



Signal words: Danger.

Precautionary statements: P102: Keep out of reach of children.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition source. No smoking.
P211: Do not spray on an open flame or other ignition source.
P251: Do not pierce or burn, even after use.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

1.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

PBT: This product is not identified as a PBT/vPvB substance.

Section 2: Composition/information on ingredients

2.1. Mixtures

Hazardous ingredients:

EINECS	CAS	PBT / WEL	CLP Classification	Percent
PETROLEUM GASES, LIQUEFIED				
270-704-2	68476-85-7	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	30-50%
ACETONE - REACH registered number(s): 01-2119471330-XXXX				
200-662-2	67-64-1		Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	10-30%
PROPAN-2-OL				
200-661-7	67-63-0		Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	10-30%
CYCLOHEXANE				
203-806-2	110-82-7		Flam. Liq. 2: H225; Asp. Tox. 1: H304; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	1-10%

Section 3: First aid measures

3.1. Description of first aid measures

Skin contact:	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
Eye contact:	Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion:	Do not induce vomiting. Wash out mouth with water. Consult a doctor.
Inhalation:	Move to fresh air in case of accidental inhalation of vapours.

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

Skin contact:	There may be mild irritation at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	There may be soreness and redness of the mouth and throat.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 4: Fire-fighting measures

4.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

4.2. Special hazards arising from the substance or mixture

Exposure hazards: Extremely flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

4.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 5: Accidental release measures

5.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Suitable extinguishing media for the surrounding fire should be used.

5.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

5.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Do not use equipment in clean-up procedure which may produce sparks. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

5.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 6: Handling and storage

6.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Smoking is forbidden. Use non-sparking tools. Avoid direct contact with the substance.

6.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Keep away from direct sunlight.

Suitable packaging: Must only be kept in original packaging.

Section 7: Exposure controls/personal protection

7.1. Control parameters

Hazardous ingredients:

PETROLEUM GASES, LIQUEFIED				
Workplace exposure limits:			Respirable dust	
State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1,750mg/m3	2,180mg/m3	-	-
ACETONE				
UK	500ppm 1210mg/m3	1500ppm 3620mg/m3	-	-
PROPAN-2-OL				
UK	999 mg/m3	1250 mg/m3	-	-
CYCLOHEXANE				
UK	350 mg/m3	1050 mg/m3	-	-

7.2. DNEL/PNEC Values

Hazardous ingredients:

ACETONE				
Type	Exposure	Value	Population	Effect
DNEL	Dermal	186mg/kg/day	Workers	Systemic
DNEL	Inhalation	2420mg/m3	Workers	Local
DNEL	Inhalation	1210mg/m3	Workers	Systemic
DNEL	Oral	62mg/kg/day	Consumers	Systemic
DNEL	Dermal	62mg/m3	Consumers	Systemic
DNEL	Inhalation	200mg/m3	Consumers	Systemic
PNEC	Fresh water	10.6mg/l	-	-
PNEC	Marine water	1.06mg/l	-	-
PNEC	Fresh water	Intermittent release	-	-
PNEC	Fresh water sediments	30.4 mg/kg	-	-
PNEC	Marine sediments	3.04mg/kg	-	-
PNEC	Soil (agricultural)	29.5mg/kg	-	-
PNEC	Microorganisms in sewage treatment	100mg/l	-	-

7.3. Exposure controls

Engineering measures:	Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.
Respiratory protection:	Respiratory protection not required.
Hand protection:	Chemically resistant gloves.
Eye protection:	Safety glasses. Ensure eye bath is to hand.
Skin protection:	Protective clothing.
Environmental:	Prevent from entering in public sewers or the immediate environment.

Section 8: Physical and chemical properties

8.1. Information on basic physical and chemical properties

State:	Aerosol
Colour:	Colourless
Odour:	Characteristic odour
Flash point °C:	<23
Relative density:	0.85

Section 9: Stability and reactivity

9.1. Reactivity

Reactivity:	Stable under recommended transport or storage conditions.
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9.2. Chemical stability

Chemical stability:	Stable under normal conditions. Stable at room temperature.
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9.3. Possibility of hazardous reactions

Hazardous reactions:	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
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9.4. Conditions to avoid

Conditions to avoid:	Direct sunlight. Heat. Hot surfaces. Sources of ignition. Flames.
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9.5. Incompatible materials

Materials to avoid:	Strong oxidising agents. Strong acids.
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9.6. Hazardous decomposition products

Haz. decomp. products:	In combustion emits toxic fumes.
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Section 10: Toxicological information

10.1. Information on toxicological effects

Hazardous ingredients:

ACETONE				
DERMAL	RAT	LD50	>7400	mg/kg
DERMAL	RBT	LD50	2000	mg/kg
ORAL	RAT	LD50	5800	mg/kg
VAPOURS	RAT	4H LC50	76000	mg/l
PROPAN-2-OL				
IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg
CYCLOHEXANE				
ORL	MUS	LD50	813	mg/kg
ORL	RAT	LD50	12705	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

10.2. Symptoms / routes of exposure

Skin contact:	There may be mild irritation at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	There may be soreness and redness of the mouth and throat.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.
Other information:	Not applicable.

Section 11: Ecological information

11.1. Toxicity

Hazardous ingredients:

ACETONE			
ALGAE	192H EC10	530	mg/l
Activated Sludge	30m EC10	1000	mg/l
DAPHNIA	48H EC50	8800	mg/l
Daphnia magna	192H EC10	2212	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	5540	mg/l

11.2. Persistence and degradability

Chemical stability: No data available.

11.3. Bioaccumulative potential

Hazardous reactions: No data available.

11.4. Mobility in soil

Conditions to avoid: No data available.

11.5. Results of PBT and vPvB assessment

Materials to avoid: This product is not identified as a PBT/vPvB substance.

11.6. Other adverse effects

Other adverse effects: No data available.

Section 12: Disposal considerations

12.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Not applicable.

Disposal of packaging: Not applicable.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 13: Transport information

13.1. UN number

UN number: UN1950

13.2. UN proper shipping name

Shipping name: AEROSOLS

13.3. Transport hazard class(es)

Transport class: 2

13.4. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

13.5. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 3

Section 14: Regulatory information

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

Specific regulations: Not applicable.

14.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 15: Other information

Other information: According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.
H220: Extremely flammable gas.
H222: Extremely flammable aerosol.
H225: Highly flammable liquid and vapour.
H229: Pressurised container: May burst if heated.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.
H410: Very toxic to aquatic life with long lasting effects.
H411: Toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product. Please note that due to the on-going change in regulation from CHIP to CLP, any MSDS information supplied by the Manufacturer is only considered accurate at the time of its creation. During this time classifications of substances may change. Therefore it is possible that can art work and MSDS information may differ. As such if you have any concerns we recommend you request a new MSDS from us every 6-12 months.