

SAFETY DATA SHEET

MASTER SNABBLACK div kulörer

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name MASTER SNABBLACK div kulörer

Product number SM 11003,SM 11004,SM 11005,SM 11006,SM 11008,SM 11009,SM 11010,SM 11011,SM 11012,SM 11001,SM 11015

Internal identification 11373; 11379; 11381; 11383; 11385; 11389; 11391; 11393; 11394; 11396; 11402

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

Identified uses Paint.

1.3. Details of the supplier of the safety data sheet

Supplier Spray Master AB
 Fabriksvägen 5
 Box 1050
 S-186 26 Vallentuna
 Sweden

Tel: +46 (8) 505 133 00
 Fax: +46 (8) 505 133 01
 Info@spraymaster.se

1.4. Emergency telephone number

National emergency telephone number 112 or 999

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Aerosol 1 - H222, H229

Health hazards Eye Irrit. 2 - H319 STOT SE 3 - H336

Environmental hazards Not Classified

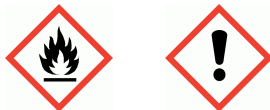
Classification (67/548/EEC or 1999/45/EC) Xi;R36. F+;R12. R66,R67.

Human health Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Irritating to eyes.

Physicochemical Extremely flammable. Pressure chamber may explode in the event of fire.

2.2. Label elements

Pictogram



Signal word Danger

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Hazard statements	H222 Extremely flammable aerosol. H229 Pressurised container: may burst if heated H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
Precautionary statements	P102 Keep out of reach of children. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P271 Use only outdoors or in a well-ventilated area. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P501 Dispose of contents/container in accordance with national regulations.
Supplemental label information	EUH066 Repeated exposure may cause skin dryness or cracking.
Contains	ETHYL ACETATE, BUTYL ACETATE -norm
Supplementary precautionary statements	P261 Avoid breathing vapour/spray. P264 Wash contaminated skin thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a POISON CENTER/doctor if you feel unwell. P337+P313 If eye irritation persists: Get medical advice/attention. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.

2.3. Other hazards

Contains: Isobutane. This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

ETHYL ACETATE	30-60%
CAS number: 141-78-6	EC number: 205-500-4
	REACH registration number: 01-2119475103-46
Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 2 - H225	F;R11 Xi;R36 R66 R67
Eye Irrit. 2 - H319	
STOT SE 3 - H336	
BUTYL ACETATE -norm	10-30%
CAS number: 123-86-4	EC number: 204-658-1
Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 3 - H226	R10 R66 R67
STOT SE 3 - H336	

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DIMETHYL ETHER		10-30%
CAS number: 115-10-6	EC number: 204-065-8	REACH registration number: 01-2119472128-37
Classification Flam. Gas 1 - H220	Classification (67/548/EEC or 1999/45/EC) F+;R12	
BUTANE		5-10%
CAS number: 106-97-8	EC number: 203-448-7	REACH registration number: 01-2119474691-32
Classification Flam. Gas 1 - H220 Press. Gas, Compressed - H280	Classification (67/548/EEC or 1999/45/EC) F+;R12	
PROPANE		5-10%
CAS number: 74-98-6	EC number: 200-827-9	REACH registration number: 01-2119486944-21
Classification Flam. Gas 1 - H220 Press. Gas, Compressed - H280	Classification (67/548/EEC or 1999/45/EC) F+;R12	
ETHANOL		1-5%
CAS number: 64-17-5	EC number: 200-578-6	REACH registration number: 01-2119457610-43
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) F;R11	
PENTANE		<1%
CAS number: 109-66-0	EC number: 203-692-4	
Classification Flam. Liq. 2 - H225 Asp. Tox. 1 - H304 STOT SE 3 - H336 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) F+;R12 Xn;R65 R66 R67 N;R51/53	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Get medical attention if any discomfort continues.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion	Drink a few glasses of water or milk. Do not induce vomiting.

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Skin contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse with water. Get medical attention if any discomfort continues.

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

General information	Solvent abuse can kill instantly.
Inhalation	Vapours may cause headache, fatigue, dizziness and nausea.
Ingestion	May cause nausea, headache, dizziness and intoxication.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	Irritation of eyes and mucous membranes.

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

Notes for the doctor	No specific recommendations.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with foam, carbon dioxide or dry powder.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up. Containers can burst violently or explode when heated, due to excessive pressure build-up. Extremely flammable.
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5.3. Advice for firefighters

Protective actions during firefighting	Containers close to fire should be removed or cooled with water.
Special protective equipment for firefighters	Wear chemical protective suit. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	For personal protection, see Section 8.
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6.2. Environmental precautions

Environmental precautions	Avoid the spillage or runoff entering drains, sewers or watercourses.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Small Spillages: Wipe away with paper or textile fabric.
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6.4. Reference to other sections

Reference to other sections	For personal protection, see Section 8. For waste disposal, see section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Keep away from heat, sparks and open flame. Protect against direct sunlight. Avoid eating, drinking and smoking when using the product.
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7.2. Conditions for safe storage, including any incompatibilities

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Storage precautions Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Keep container dry.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

ETHYL ACETATE

Long-term exposure limit (8-hour TWA): WEL 200 ppm

Short-term exposure limit (15-minute): WEL 400 ppm

BUTYL ACETATE -norm

Long-term exposure limit (8-hour TWA): WEL 150 ppm 724 mg/m³

Short-term exposure limit (15-minute): WEL 200 ppm 966 mg/m³

DIMETHYL ETHER

Long-term exposure limit (8-hour TWA): WEL 400 ppm 766 mg/m³

Short-term exposure limit (15-minute): WEL 500 ppm 958 mg/m³

BUTANE

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m³

Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m³

ETHANOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³

Short-term exposure limit (15-minute): WEL

PENTANE

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1800 mg/m³

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit

DIMETHYL ETHER (CAS: 115-10-6)

DNEL Professional - Inhalation; Long term systemic effects: 1894 mg/m³
Consumer - Inhalation; Long term systemic effects: 471 mg/m³

PNEC

- Fresh water; 0,155 mg/l
- Marine water; 0,016 mg/l
- Sediment (Freshwater); 0,681 mg/kg
- Sediment (Marinewater); 0,069 mg/kg
- Soil; 0,045 mg/kg

PENTANE (CAS: 109-66-0)

PNEC - water; 0,027 mg/l

8.2. Exposure controls

Protective equipment



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Appropriate engineering controls	All handling should only take place in well-ventilated areas.
Eye/face protection	The following protection should be worn: Chemical splash goggles.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Polyvinyl alcohol (PVA).
Other skin and body protection	Provide eyewash station and safety shower.
Hygiene measures	Wash hands at the end of each work shift and before eating, smoking and using the toilet.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	
Odour	Organic solvents.
Flash point	Technical impossibility to obtain the data.
Relative density	~0,8 @ °C
Solubility(ies)	Insoluble in water.

9.2. Other information

Other information	Not relevant.
Volatile organic compound	This product contains a maximum VOC content of 670 g/litre.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not known.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition.
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10.5. Incompatible materials

Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Not known.
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SECTION 11: Toxicological information

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11.1. Information on toxicological effects

Toxicological effects	No data is available regarding the preparation it self.
General information	Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.
Inhalation	Vapours have a narcotic effect. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting. May cause respiratory system irritation.
Ingestion	May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	Irritating to eyes.
Acute and chronic health hazards	Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. Prolonged or repeated exposure to vapours in high concentrations may cause the following adverse effects: Nausea, vomiting. Headache.

Toxicological information on ingredients.

ETHYL ACETATE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,620

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 18,000

Species Rabbit

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 5.77

Species Rat

ATE inhalation (vapours mg/l) 5.77

BUTYL ACETATE -norm

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 10,768

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 17,600

Species Rabbit

MASTER SNABBLACK div kulörer**Acute toxicity - inhalation****Acute toxicity inhalation
(LC₅₀ vapours mg/l)** 40**Species** Rat**ATE inhalation (vapours
mg/l)** 40**DIMETHYL ETHER****Acute toxicity - oral****Notes (oral LD₅₀)** Not applicable.**Acute toxicity - dermal****Notes (dermal LD₅₀)** Not applicable.**Acute toxicity - inhalation****Acute toxicity inhalation
(LC₅₀ vapours mg/l)** 309

Skin contact

BUTANE**Acute toxicity - oral****Notes (oral LD₅₀)** Not applicable.**Acute toxicity - dermal****Notes (dermal LD₅₀)** Not applicable.**Acute toxicity - inhalation****Acute toxicity inhalation
(LC₅₀ vapours mg/l)** 20**Notes (inhalation LC₅₀)****PROPANE****Acute toxicity - oral****Notes (oral LD₅₀)** Not applicable.**Acute toxicity - dermal****Notes (dermal LD₅₀)** Not applicable.**Acute toxicity - inhalation****Acute toxicity inhalation
(LC₅₀ vapours mg/l)** 20**Notes (inhalation LC₅₀)****ETHANOL**

MASTER SNABBLACK div kulörerAcute toxicity - oral

Acute toxicity oral (LD₅₀ 7,060
mg/kg)

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 20,000
mg/kg)

Species Rabbit

Acute toxicity - inhalation

Acute toxicity inhalation 124.7
(LC₅₀ vapours mg/l)

Species Rat

ATE inhalation (vapours 124.7
mg/l)

PENTANEAcute toxicity - oral

Acute toxicity oral (LD₅₀ 400
mg/kg)

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 3,000
mg/kg)

Species Rabbit

Acute toxicity - inhalation

Acute toxicity inhalation 364
(LC₅₀ vapours mg/l)

Species Rat

ATE inhalation (vapours 364
mg/l)

SECTION 12: Ecological Information

Ecotoxicity There are no data on the ecotoxicity of this product.

12.1. Toxicity

Toxicity No data is available regarding the preparation itself.

Ecological information on ingredients.ETHYL ACETATE

Acute toxicity - fish LC50, 96 hours hours: 230 mg/l, Pimephales promelas (Fat-head Minnow)

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Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours hours: 154 - 717 mg/l, Daphnia magna EC ₅₀ , 48 hours: mg/l, Daphnia magna
Acute toxicity - aquatic plants	IC ₅₀ , 48 hours hours: 3300 mg/l, Scenedesmus subspicatus

BUTYL ACETATE -norm

Acute toxicity - fish	LC50, 96 hours hours: 18 mg/l, Pimephales promelas (Fat-head Minnow)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours hours: 10-100 mg/l, Daphnia magna
Acute toxicity - aquatic plants	IC ₅₀ , 72 hours hours: 674,7 mg/l, Scenedesmus subspicatus

DIMETHYL ETHER

Acute toxicity - fish	LC50, 96 hours hours: > 4.1 mg/l, Poecilia reticulata (Guppy)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours hours: > 4.4 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC ₅₀ , 96 hours hours: 154.9 mg/l, Freshwater algae

BUTANE

Acute toxicity - fish	Highly volatile. LC50, 96 hours hours: 24.11 mg/l,
Acute toxicity - aquatic invertebrates	Highly volatile. EC ₅₀ , 48 hours hours: 14.22 mg/l, Daphnia magna

PROPANE

Acute toxicity - aquatic invertebrates	Highly volatile. EC ₅₀ , 48 hours hours: 27.14 mg/l,
Acute toxicity - aquatic plants	, : ,

ETHANOL

Acute toxicity - fish	LC50, 96 hours hours: ~ 13500 mg/l, Pimephales promelas (Fat-head Minnow)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours hours: ~ 5400 mg/l, Daphnia magna
Acute toxicity - aquatic plants	IC ₅₀ , 72 hours hours: > 10.9 mg/l,

PENTANE

Acute toxicity - fish	LC50, 96 hours hours: 4,26 mg/l, Onchorhynchus mykiss (Rainbow trout)
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Acute toxicity - aquatic invertebrates EC₅₀, 48 hours hours: 2,7-9,1 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅₀, 72 hours hours: 7,51 mg/l, Selenastrum capricornutum

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

Ecological information on ingredients.**ETHYL ACETATE**

Persistence and degradability

BUTYL ACETATE -norm

Biodegradation - Degradation (%) 98: 28 days

DIMETHYL ETHER

Persistence and degradability The product is not readily biodegradable.

BUTANE

Persistence and degradability The product is readily biodegradable.

PROPANE

Persistence and degradability The product is readily biodegradable.

Biodegradation - :

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Ecological information on ingredients.**BUTYL ACETATE -norm**

Bioaccumulative potential BCF: 14,

Partition coefficient log Pow: 1,81

DIMETHYL ETHER

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

BUTANE

Bioaccumulative potential The product is not bioaccumulating.

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PROPANE

Bioaccumulative potential The product is not bioaccumulating.

Partition coefficient :

ETHANOL

Bioaccumulative potential BCF: ~ 0.66,

Partition coefficient log Pow: ~ -0.32

PENTANE

Bioaccumulative potential BCF: 171,

Partition coefficient log Pow: 3,4

12.4. Mobility in soil

Mobility No information available

Ecological information on ingredients.

DIMETHYL ETHER

Adsorption/desorption coefficient Soil - Koc: ~ 7.759 @ °C

BUTANE

Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

PROPANE

Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects No information required.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information The manufacturer of this product complies with the rules and regulations of the European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste, by paying packaging fees for disposal and recycling of packaging waste.

Disposal methods The plastic lid and valve are sorted as plastic. Empty aerosols are sorted as scrap metal. Residues and non empty containers should be taken care of as hazardous waste according to local and national regulations.

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Waste class Non empty containers: EWC code 14 06 03*
Empty containers: EWC code 15 01 04.

SECTION 14: Transport information

General Aerosols may be carried domestically as limited quantities (1L) as long as each package does not exceed 30 kg in cardboard boxes or 20 kg on trays with shrink- or stretch wrapping. Each package shall be marked with diamond-shaped area, the top and bottom part is black, surrounded by a line that measures at least 100 mm x 100 mm.

14.1. UN number

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950
UN No. (ADN)	1950

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	AEROSOLS
Proper shipping name (IMDG)	AEROSOLS
Proper shipping name (ICAO)	AEROSOLS
Proper shipping name (ADN)	AEROSOLS

14.3. Transport hazard class(es)

ADR/RID class	2.1
ADR/RID classification code	5F
ADR/RID label	2.1
IMDG class	2.1
ICAO class/division	2.1
ADN class	2.1

Transport labels



14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS	F-D, S-U
ADR transport category	2

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Tunnel restriction code (D)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not relevant.

SECTION 15: Regulatory information

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

National regulations COUNCIL DIRECTIVE of may 1975 on the approximation of the laws of the Member States relating to aerosol dispensers.

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information A review of safety data sheet with staff to manage the product recommended.

Revision comments NOTE: Lines within the margin indicate significant changes from the previous revision.

Issued by

Revision date 25/08/2014

Revision 2

Supersedes date 23/09/2013

Risk phrases in full R10 Flammable.
R11 Highly flammable.
R12 Extremely flammable.
R36 Irritating to eyes.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H229 Pressurised container: may burst if heated
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

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This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.