



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

1.1. Product identifier

Product form : Mixture
Product name. : STOPACID-MAS

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

1.2.1. Relevant identified uses

Main use category : Professional use
Use of the substance/mixture : Acid neutralizer for mineral and alkylbenzen oils (for refrigerating and air conditioning systems)

1.2.2. Uses advised against

No additional information available.

1.3. Details of the supplier of the safety data sheet

CARLY
ZI de Braille
69380 LISSIEU
T +33 (0)4 78 47 61 20 - F +33 (0)4 78 47 36 98
info@carly-sa.com

1.4. Emergency telephone number

Country	Official advisory body	Address	Emergency number
UNITED KINGDOM	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours)
UNITED KINGDOM	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute Tox. 4 (Oral) H302
Acute Tox. 4 (Dermal) H312
Acute Tox. 4 (Inhalation:dust,mist) H332
STOT SE 1 H370
Aquatic Chronic 4 H413

Full text of H-phrases: see section 16.

Adverse physicochemical, human health and environmental effects

No additional information available.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

GHS08

Signal word (CLP) : Danger
Hazardous ingredients : Methanol
Hazard statements (CLP) : H302 + H312 + H332 - Harmful if swallowed, in contact with skin or if inhaled
H370 - Causes damage to organs (Severe ingestion hazard.)
H413 - May cause long lasting harmful effects to aquatic life
Precautionary statements (CLP) : P260 - Do not breathe mist, vapours
P264 - Wash Hands and forearms thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P271 - Use only outdoors or in a well-ventilated area
P273 - Avoid release to the environment
P280 - Wear protective gloves

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according to Regulation (EC) No. 453/2010

2.3. Other hazards

No additional information available.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable.

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
long chain Alkylbenzenes DMSO<3% m/m	(CAS No) 68512-02-7 (EC no) 270-954-2	> 80	Aquatic Chronic 4, H413
Methanol	(CAS No) 67-56-1 (EC no) 200-659-6;200-659 (EC index no) 603-001-00-X	10 - 20	Flam. Liq. 2, H225 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Oral), H301 STOT SE 1, H370
Name	Product identifier	Specific concentration limits	
Methanol	(CAS No) 67-56-1 (EC no) 200-659-6;200-659 (EC index no) 603-001-00-X	(3 ≤ C < 10) STOT SE 2, H371 (C ≥ 10) STOT SE 1, H370	

Full text of H-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Assure fresh air breathing.
First-aid measures after skin contact : Wash immediately with lots of water. Soap may be used.
First-aid measures after eye contact : Rinse immediately with plenty of water.
First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

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

- Symptoms/injuries after inhalation : May cause drowsiness or dizziness.
Symptoms/injuries after eye contact : Eye irritation. Redness of the eye tissue.
Symptoms/injuries after ingestion : Nausea. Vomiting. Impairment of the nervous system.

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

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.
unsuitable extinguishing media : High power water jet.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Combustible.
Hazardous decomposition products in case of fire : Thermal decomposition generates : Carbon monoxide. organic products.

5.3. Advice for firefighters

No additional information available.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Spill area may be slippery. Ensure adequate ventilation.

6.1.1. For non-emergency personnel

- Protective equipment : Nitrile-rubber protective gloves. Safety glasses.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.

6.2. Environmental precautions

Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.

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6.3. Methods and material for containment and cleaning up

- For containment : Dam up the liquid spill.
Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage.

6.4. Reference to other sections

No additional information available.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : None in the normal condition.
Precautions for safe handling : Ensure good ventilation of the work station.
Hygiene measures : Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep away from ignition sources. Store in a well-ventilated place. Keep container tightly closed.
Incompatible materials : Avoid PVC. polyethylene. polyethylene (high density).
Storage temperature : 5 - 40 °C
Heat and ignition sources : Ignition sources.
Packaging materials : Stainless steel. Glass.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Methanol (67-56-1)		
United Kingdom	WEL TWA (mg/m ³)	266 mg/m ³
United Kingdom	WEL TWA (ppm)	200 ppm
United Kingdom	WEL STEL (mg/m ³)	333 mg/m ³
United Kingdom	WEL STEL (ppm)	250 ppm

8.2. Exposure controls

- Materials for protective clothing : Wear suitable protective clothing
Hand protection : Protective gloves made of rubber. Nitrile rubber (NBR)
Eye protection : Use splash goggles when eye contact due to splashing is possible
Respiratory protection : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
Appearance : Translucent
Colour : No data available
Odour : Aromatic hydrocarbons
Odour threshold : No data available
pH : No data available
Relative evaporation rate (butylacetate=1) : No data available
Melting point : -45 °C
Freezing point : No data available
Boiling point : > 280 °C
Flash point : 180 °C
Self ignition temperature : <= 300 °C
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapour pressure : < 0,5 Pa
Relative vapour density at 20 °C : No data available
Relative density : No data available
Solubility : Insoluble in water

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Log Pow	: No data available
Viscosity, kinematic	: 39 mm ² /s 40°C
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosion limits	: No data available

9.2. Other information

No additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No reactivity hazard other than the effects described in sub-sections below.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

High temperature.

10.5. Incompatible materials

Strong oxidation agent.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Oral: Harmful if swallowed. Dermal: Harmful in contact with skin. Inhalation:dust/mist: Harmful if inhaled.

STOPACID-MAS	
ATE oral	500,000 mg/kg bodyweight
ATE dermal	1100,000 mg/kg bodyweight
ATE dust/mist	1,500 mg/l/4h
Methanol (67-56-1)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	15800 mg/kg
LC50 inhalation rat (mg/l)	85 mg/l/4h
LC50 inhalation rat (ppm)	64000 ppm/4h
ATE oral	5000,000 mg/kg
ATE dermal	15800,000 mg/kg
ATE gases	64000,000 ppm/4h
ATE vapours	85,000
ATE dust/mist	85,000

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Causes damage to organs (Severe ingestion hazard.).
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

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SECTION 12: Ecological information

12.1. Toxicity

Methanol (67-56-1)	
LC50 fishes 1	15400 mg/l (96 h, LEPOMIS MACROCHIRUS, FLOW-THROUGH SYSTEM)
LC50 other aquatic organisms 1	12000 mg/l (96 h, CRUSTACEA)
EC50 Daphnia 1	> 10000 mg/l (24 h, DAPHNIA MAGNA)
EC50 other aquatic organisms 1	880 mg/l (24 h, NITROSOMONAS)
LC50 fish 2	10800 mg/l (96 h, SALMO GAIRDNERI/ ONCORHYNCHUS MYKISS)
LC50 other aquatic organisms 2	> 10000 mg/l (24 h, ARTEMIA SALINA)
EC50 Daphnia 2	24500 mg/l (48 h, DAPHNIA MAGNA)
EC50 other aquatic organisms 2	8000 mg/l (72 h, ALGAE)
Threshold limit other aquatic organisms 1	10000 mg/l (48 h, DAPHNIA MAGNA)
Threshold limit other aquatic organisms 2	6600 mg/l (16 h, PSEUDOMONAS PUTIDA)
Threshold limit algae 1	530 mg/l (192 h, MICROCYSTIS AERUGINOSA)
Threshold limit algae 2	8000 mg/l (168 h, SCENEDESMUS QUADRICAUDA)

12.2. Persistence and degradability

STOPACID-MAS	
Persistence and degradability	Not readily biodegradable.

Methanol (67-56-1)	
Biochemical oxygen demand (BOD)	0,6/1,12
Chemical oxygen demand (COD)	1,42 g O ₂ /g substance
ThOD	1,5 g O ₂ /g substance
BOD (% of ThOD)	40/73

12.3. Bioaccumulative potential

STOPACID-MAS	
Bioaccumulative potential	Bioaccumulative potential.

Methanol (67-56-1)	
BCF fish 1	< 10 (LEUCISCUS IDUS)
Log Pow	-0,82/-0,66

12.4. Mobility in soil

Methanol (67-56-1)	
Surface tension	0,023 N/m (20°C)
Ecology - soil	According to literature, easily degradable in the soil.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Other adverse effects : Floats on water.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.
Waste treatment methods : Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
EURAL code : 20 01 26* - oil and fat other than those mentioned in 20 01 25.

SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

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14.4. Packing group

Not applicable.

14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

No additional information available

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

14.6.4. Inland waterway transport

Carriage prohibited (ADN) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

Seveso Information :

15.1.2. National regulations

No additional information available.

15.2. Chemical safety assessment

No additional information available.

SECTION 16: Other information

Indication of changes:

Deletion of Regulation 1999/45/EC (Sections 2.1 and 3.2)

Full text of H- and EUH-phrases::

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 4	Hazardous to the aquatic environment — Chronic Hazard, Category 4
Flam. Liq. 2	Flammable liquids, Category 2
STOT SE 1	Specific target organ toxicity — single exposure, Category 1
H225	Highly flammable liquid and vapour
H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H312	Harmful in contact with skin
H331	Toxic if inhaled
H332	Harmful if inhaled
H370	Causes damage to organs
H413	May cause long lasting harmful effects to aquatic life

SDS (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.