



# SAFETY DATA SHEET

## SUPER HELP - DE-ICER LOCK

Issued on 11/12/2010 - Rel. # 5 on 10/06/2021

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In conformity to Regulation (EU) 2020/878

### SECTION1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product code: SUPER HELP - DE-ICER LOCK  
Trades code: 36050

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

De-icer

Sectors of use:

Private households (= general public = consumers)[SU21], Public domain (administration, education, entertainment, services, craftsmen)[SU22]

Product category:

Anti-Freeze and De-icing products

Uses advised against

Do not use for purposes other than those listed

#### 1.3. Details of the supplier of the safety data sheet

Super Help srl - Via V.Veneto, 11 - 21100 Varese (VA) - Italy Tel. + 39 347/4650120

Email: [info@super-help.com](mailto:info@super-help.com) – Web: [www.super-help.com](http://www.super-help.com)

#### 1.4. Emergency telephone number

Emergency telephon number EU 112

### SECTION2. Hazards identification

#### 2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:

GHS02, GHS07

Hazard Class and Category Code(s):

Flam. Aerosol 1, Eye Irrit. 2, STOT SE 3

Hazard statement Code(s):

H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

H319 - Causes serious eye irritation.

H336 - May cause drowsiness or dizziness.

Aerosol that ignites easily even at low temperatures, fire risk

If brought into contact with eyes, the product, causes significant irritations which may last for more than 24 hours.

Warning: Vapours inhalation may cause sleepiness and giddiness

The repeated inhalation of vapors can cause drowsiness and giddiness.

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C.

The aerosol containers overheated burst and can be ejected with violence from a distance and can take place a dangerous mechanism for the fire.



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The classification has been calculated net of the propellants.

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):  
GHS02, GHS07 - Danger



Hazard statement Code(s):  
H222 - Extremely flammable aerosol.  
H229 - Pressurised container: May burst if heated.  
H319 - Causes serious eye irritation.  
H336 - May cause drowsiness or dizziness.

Supplemental Hazard statement Code(s):  
not applicable

Precautionary statements:  
General

P102 - Keep out of reach of children.

Prevention

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.

P261 - Avoid breathing spray.

Storage

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

### 2.3. Other hazards

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

No information on other hazards

## SECTION 3. Composition/information on ingredients

### 3.1 Substances

Irrilevant

### 3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements



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Note C - Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Note U - When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case.

Substance	Concentration[w/w]	Classification	Index	CAS	EINECS	REACH
propan-2-ol	>= 30 < 50%	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336 ATE(mix) oral = 2.100,0 mg/kg ATE(mix) dermal = 2.100,0 mg/kg	603-117-00-0	67-63-0	200-661-7	01-211945 7558-25
butane Note: C U	>= 19 < 24%	Flam. Gas 1A, H220; Press. Gas, H280	601-004-00-0	106-97-8	203-448-7	01-211947 4691-32
isobutane Note: C U	>= 9,5 < 15%	Flam. Gas 1A, H220; Press. Gas, H280	601-004-00-0	75-28-5	200-857-2	01-211948 5395-27
propane Note: U	>= 9,5 < 15%	Flam. Gas 1A, H220; Press. Gas, H280 ATE(mix) inhal = 658,0mg/l/4 h	601-003-00-5	74-98-6	200-827-9	01-211948 6944-21
ethylene glycol	>= 4,9 < 9,5%	Acute Tox. 4, H302; STOT RE 2, H373 ATE(mix) oral = 7.712,0 mg/kg ATE(mix) dermal = 3.500,0 mg/kg ATE(mix) inhal = 5,0mg/l/4 h	603-027-00-1	107-21-1	203-473-3	01-211945 6816-28

### SECTION 4. First aid measures

#### 4.1. Description of first aid measures

##### Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated room. CALL A PHYSICIAN.

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

If breathing has stopped, give artificial respiration.

##### Direct contact with skin (of the pure product):

Take contaminated clothing immediately off.

Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product.

##### Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately

Do not use eye drops or ointments of any kind before the examination or advice from an oculist.

##### Ingestion:

Not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine



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

For symptoms and effects due to substances refer to paragraph 11.

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

If eye irritation persists: Get medical advice/attention.

If medical advice is needed, have product container or label at hand.

Call a POISON CENTER or a doctor if you feel unwell.

### SECTION 5. Firefighting measures

#### 5.1. Extinguishing media

Advised extinguishing agents:  
CO<sub>2</sub> or dry powder extinguisher

Extinguishing means to avoid:  
Direct jets of water

#### 5.2. Special hazards arising from the substance or mixture

The aerosol containers overheated burst and can be ejected with violence from a distance and can take place a dangerous mechanism for the fire.

Manufactured under pressure in sealed metal container (test pressure 15 bar max). Cool containers with water spray trying to remove them from the fire. The aerosol containers can be overheated and burst violently ejected from a distance (protect the head using a safety helmet).

#### 5.3. Advice for firefighters

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

### SECTION 6. Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or release. Do not smoke

Leave the surrounding area recalling that any overheating could project the cylinder at a considerable distance.

Wear mask, gloves and protective clothing.

6.1.2 For emergency responders:

Given the tightness of aerosol, it is unlikely that the spillage may occur.

However if some container is damaged likely to cause a loss, insulate the tank in question by bringing it to open air or covering it with inert material and fuel (eg sand, earth, vermiculite) and having the care to avoid any point of ignition that might pose a serious risk of fire.

Wear suitable gloves (PVC, butyl rubber, neoprene or similar) and protective clothing.

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.



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#### 6.2. Environmental precautions

Contain spill  
Inform the competent authorities.  
Discharge the remains in compliance with the regulations

#### 6.3. Methods and material for containment and cleaning up

6.3.1 For containment:  
Rapidly recover the product, wear a mask and protective clothing  
Recover the product for reuse, if possible, or the removal.

6.3.2 For cleaning up:  
After wiping up, wash with water the area and materials involved

6.3.3 Other information:  
None in particular.

#### 6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

## SECTION 7. Handling and storage

### 7.1. Precautions for safe handling

Avoid contact and inhalation of vapors  
Wear protective gloves/protective clothing/eye protection/face protection.  
In residential areas do not use on large surfaces.  
Do not smoke at work  
At work do not eat or drink.  
Vapors are heavier than air and may spread close to the ground and form explosive mixtures with air. Prevent formation of flammable or explosive concentrations in the air.  
Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C.  
Do not pierce or burn, even after the use. Do not spray on flame or incandescent objects. Use in adequately ventilated areas.  
See also paragraph 8 below.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers.  
Keep containers upright and safe by avoiding the possibility of falls or collisions.  
Pressurized container. Store in a ventilated place, in original packaging away from heat and sunlight.  
Keep away from open flames, sparks and heat sources. Avoid direct sunlight exposure.

### 7.3. Specific end use(s)

Private households (= general public = consumers):

- Keep away from heat sources, sparks, open flames
- Do not use on hot surfaces or surfaces exposed to direct sunlight
- Do not breathe spray/vapours
- Avoid contact with eyes, skin, clothing
- Do not eat, drink or smoke when using
- Do not use in confined and/or limited spaces
- Accumulations of flammable gas in the air may occur in case of an excessive use
- Use at a distance of 20 cm from the surface to be treated to prevent dispersion in the air
- Spray only briefly and take care for a good ventilation after use

Public domain (administration, education, entertainment, services, craftsmen):

- Keep away from heat sources, sparks, open flames
- Do not use on hot surfaces or surfaces exposed to direct sunlight
- Do not breathe spray/vapours



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- Avoid contact with eyes, skin, clothing
- Do not eat, drink or smoke when using
- Do not use in confined and/or limited spaces
- Accumulations of flammable gas in the air may occur in case of an excessive use
- Use at a distance of 20 cm from the surface to be treated to prevent dispersion in the air
- Spray only briefly and take care for a good ventilation after use

### SECTION 8. Exposure controls/personal protection

#### 8.1. Control parameters

Related to contained substances:

propan-2-ol:

TLV-TWA: 200 ppm

TLV-STEL: 400 ppm

A4 (not classifiable as a human carcinogen) (ACGIH 2013)

MAK: 200 ppm, 500 mg/m<sup>3</sup>

Peak limitation category: II(2)

Pregnancy risk group: C (DFG 2004)

butane:

TLV-TWA: 800 ppm - 1900 mg/m<sup>3</sup> (ACGIH 2010)

MAK: 1000 ppm 2400 mg/m<sup>3</sup>

Peak limitation category: II(4)

Pregnancy risk group: D (DFG 2008)

propane:

TLV-TWA: 1000 ppm - 1800 mg/m<sup>3</sup> (propane, ACGIH 2010)

ethylene glycol:

TLV-STEL: 100 mg/m<sup>3</sup> (Ceiling value)

A4 (not classifiable as a human carcinogen) (ACGIH 2013)

OEL 8h (skin): 20 ppm - 52 mg/m<sup>3</sup> (Directive 2000/39/EC – Occupational exposure limit values)

OEL short term (skin): 40 ppm - 104 mg/m<sup>3</sup> (Directive 2000/39/EC – Occupational exposure limit values)

MAK: 10 ppm - 26 mg/m<sup>3</sup>

Peak limitation category: I(2)

Pregnancy risk group: C (DFG 2005)

- Substance: propan-2-ol

DNEL

Systemic effects Long term Workers inhalation = 500 (mg/m<sup>3</sup>)

Systemic effects Long term Workers dermal = 880 (mg/kg bw/day)

Systemic effects Long term Consumers inhalation = 89 (mg/m<sup>3</sup>)

Systemic effects Long term Consumers dermal = 319 (mg/kg bw/day)

Systemic effects Long term Consumers oral = 26 (mg/kg bw/day)

PNEC

Sweet water = 140,9 (mg/l)

sediment Sweet water = 552 (mg/kg/sediment)

Sea water = 140,9 (mg/l)

sediment Sea water = 552 (mg/kg/sediment)

ground = 28 (mg/kg ground)

- Substance: ethylene glycol

DNEL

Systemic effects Long term Workers dermal = 106 (mg/kg bw/day)

Systemic effects Long term Consumers dermal = 53 (mg/kg bw/day)

Systemic effects Short term Consumers inhalation = 7 (mg/m<sup>3</sup>)

Local effects Long term Workers inhalation = 35 (mg/m<sup>3</sup>)

PNEC



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Sweet water = 10 (mg/l)  
sediment Sweet water = 37 (mg/kg/sediment)  
Sea water = 1 (mg/l)  
sediment Sea water = 3,7 (mg/kg/sediment)  
intermittent emissions = 10 (mg/l)  
STP = 199,5 (mg/l)  
ground = 1,53 (mg/kg ground)

### 8.2. Exposure controls



Appropriate engineering controls:  
Private households (= general public = consumers):  
Work in a well ventilated place or equipped with ventilation devices. Do not use on hot surfaces or surfaces exposed to sunlight in order to avoid rapid evaporation of the product. Use personal protective equipment (see below).

Public domain (administration, education, entertainment, services, craftsmen):  
Ensure good ventilation in the workplace through effective local aspiration. If these steps are not enough to maintain the concentration of the product below the exposure limit values in the workplace, wear appropriate respiratory protection. Provide a system for eye wash. Before using the product refer to the label for hazard details. During the selection of personal protective equipment, seek appropriate advice from the supplier. Personal protective equipment must comply with regulations in force.

Individual protection measures:

(a) Eye / face protection  
Wear mask

(b) Skin protection

(i) Hand protection  
Gloves: neoprene  
Thickness: 0,75 mm  
Breakthrough time: > 480 min

(ii) Other  
When handling the pure product wear full protective skin clothing.  
Better is to use cotton antistatic clothing

(c) Respiratory protection  
Work in a sufficiently ventilated to avoid inhaling the product.  
Where the OEL may be approached or exceeded, wear mask with AX or universal filter.

(d) Thermal hazards  
No hazard to report

Environmental exposure controls:  
Use according to good working practices to avoid pollution into the environment.

## SECTION 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
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Physical and chemical properties	Value	Determination method
Physical state	liquid under pressure (aerosol)	VISUAL
Colour	colourless	
Odour	characteristic	ORGANOLEPTIC
Odour threshold	not determined	
Melting point/freezing point	< -100 °C (liquid gas)	
Boiling point or initial boiling point and boiling range	> -42 °C (liquid gas)	
Flammability	irrelevant	
Lower and upper explosion limit	LEL 1,8% (vol); UEL 9,5% (vol)	
Flash point	< -80 °C (liquid gas)	
Auto-ignition temperature	400 °C (liquid gas)	
Decomposition temperature	not determined	
pH	irrelevant	PH-METER
Kinematic viscosity	not determined	
Solubility	in alcohol	
Water solubility	complete	
Partition coefficient n-octanol/water (log value)	not determined	
Vapour pressure	3,2 bar	
Density and/or relative density	0,65 - 0,70 kg/l	
Relative vapour density	> 2 (liquid gas)	
Particle characteristics	not determined	
Container volume	75 ml	ISO 90-3:2000
Product volume	50 ml	ISO 90-3:2000
Pressure to 20 °C	3.2 bar	
Deformation pressure	16.5 bar	MANOMETER
Burst pressure of the container	18 bar	MANOMETER
Flash point of liquid phase	< 21 °C	
Propellent inflammability	< 0°C	

### 9.2. Other information

No data available.

#### 9.2.1 Information with regard to physical hazard classes

#### 9.2.2 Other safety characteristics

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

Related to contained substances:

propan-2-ol:

Reacts with strong oxidants. Attacks some plastic, rubber.

isobutane:

Reacts with strong oxidants, acetylene, halogens and nitrogen oxides causing fire and explosion hazard.

ethylene glycol:





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On combustion, forms toxic gases. Reacts with strong oxidants and strong bases.

#### 10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

#### 10.3. Possibility of hazardous reactions

There are no hazardous reactions

#### 10.4. Conditions to avoid

Avoid heating the product, it could explode.

Avoid contact with combustible materials. The product could catch fire.

heat, open flames, sparks or hot surfaces.

The aerosol product is stable for a period exceeding 36 months and in normal storage conditions can not take place dangerous reactions as the container is almost hermetically sealed.

To avoid that the metal container can deteriorate, keep away from acidic or basic products. Attention to the heat as temperatures exceeding 50 °C has increased pressure inside the container that gets to deformation of the cylinder until the outbreak.

#### 10.5. Incompatible materials

It can generate inflammable gases to contact with elementary metals, nitrides, strong reducing agents.

It can generate toxic gases to contact with oxidants mineral acids, organic peroxides, organic water peroxides.

It can ignite in contact with oxidants mineral acids, organic nitrides, peroxides and water peroxides, strong oxidants agents.

#### 10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

## SECTION 11. Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

ATE(mix) oral = ∞

ATE(mix) dermal = ∞

ATE(mix) inhal = ∞

(a) acute toxicity: based on available data, the classification criteria are not met.

(b) skin corrosion/irritation: based on available data, the classification criteria are not met.

(c) serious eye damage/irritation: If brought into contact with eyes, the product, causes significant irritations which may last for more than 24 hours.

(d) respiratory or skin sensitisation: based on available data, the classification criteria are not met.

(e) germ cell mutagenicity: based on available data, the classification criteria are not met.

(f) carcinogenicity: based on available data, the classification criteria are not met.

(g) reproductive toxicity: based on available data, the classification criteria are not met.

(h) specific target organ toxicity (STOT) single exposure: Warning: Vapours inhalation may cause sleepiness and giddiness

(i) specific target organ toxicity (STOT) repeated exposure based on available data, the classification criteria are not met.

(j) aspiration hazard: based on available data, the classification criteria are not met.

Related to contained substances:

propan-2-ol:

ROUTES OF EXPOSURE: The substance can be absorbed into the body by inhalation of its vapour.

INHALATION RISK: A harmful contamination of the air will be reached rather slowly on evaporation of this substance at



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20°C; on spraying or dispersing, however, much faster.

**EFFECTS OF SHORT-TERM EXPOSURE:** The substance is irritating to the eyes and the respiratory tract. The substance may cause effects on the central nervous system, resulting in depression. Exposure far above the OEL may result in unconsciousness.

**EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:** The liquid defats the skin.

**ACUTE HAZARDS/SYMPTOMS**

**INHALATION** Cough. Dizziness. Drowsiness. Headache. Sore throat. (See Ingestion).

**SKIN** Dry skin.

**EYES** Redness.

**INGESTION** Abdominal pain. Laboured breathing. Nausea. Unconsciousness. Vomiting. (Further see Inhalation).

**N O T E S** Use of alcoholic beverages enhances the harmful effect.

**LD50 (rat) Oral (mg/kg body weight) = 2100**

**LD50 Dermal (rat or rabbit) (mg/kg body weight) = 2100**

butane:

**ROUTES OF EXPOSURE:** The substance can be absorbed into the body by inhalation.

**INHALATION RISK:** On loss of containment this liquid evaporates very quickly displacing the air and causing a serious risk of suffocation when in confined areas.

**EFFECTS OF SHORT-TERM EXPOSURE:** Rapid evaporation of the liquid may cause frostbite. The substance may cause effects on the central nervous system.

**ACUTE HAZARDS/SYMPTOMS**

**INHALATION** Drowsiness. Unconsciousness.

**SKIN ON CONTACT WITH LIQUID: FROSTBITE.**

**EYES ON CONTACT WITH LIQUID: FROSTBITE.**

**N O T E S** High concentrations in the air cause a deficiency of oxygen with the risk of unconsciousness or death.

isobutane:

**ROUTES OF EXPOSURE:** The substance can be absorbed into the body by inhalation.

**INHALATION RISK:** A harmful concentration of this gas in the air will be reached very quickly on loss of containment.

**EFFECTS OF SHORT-TERM EXPOSURE:** Rapid evaporation of the liquid may cause frostbite. The substance may cause effects on the cardiovascular system, resulting in impaired functions and respiratory failure. Exposure at high level may result in death.

**ACUTE HAZARDS/SYMPTOMS**

**INHALATION** Shortness of breath. Suffocation.

**SKIN ON CONTACT WITH LIQUID: FROSTBITE.**

**EYES ON CONTACT WITH LIQUID: FROSTBITE.**

propane:

**ROUTES OF EXPOSURE:** The substance can be absorbed into the body by inhalation.

**INHALATION RISK:** On loss of containment this liquid evaporates very quickly displacing the air and causing a serious risk of suffocation when in confined areas.

**EFFECTS OF SHORT-TERM EXPOSURE:** Rapid evaporation of the liquid may cause frostbite. The substance may cause effects on the central nervous system.

**ACUTE HAZARDS/SYMPTOMS**

**INHALATION** Drowsiness. Unconsciousness.

**SKIN ON CONTACT WITH LIQUID: FROSTBITE.**

**EYES ON CONTACT WITH LIQUID: FROSTBITE.**

**N O T E S** High concentrations in the air cause a deficiency of oxygen with the risk of unconsciousness or death.

**CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 658**

ethylene glycol:

**ROUTES OF EXPOSURE:** The substance can be absorbed into the body by inhalation and through the skin.

**INHALATION RISK:** A harmful contamination of the air will be reached rather slowly on evaporation of this substance at 20 °C.

**EFFECTS OF SHORT-TERM EXPOSURE:** The substance irritates the eyes and the respiratory tract. The substance may cause effects on the kidneys and central nervous system, resulting in renal failure and brain injury. Exposure could cause lowering of consciousness.

**EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:** The substance may have effects on the central nervous system, resulting in abnormal eye movements (nystagmus).



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#### ACUTE HAZARDS/SYMPTOMS

INHALATION Cough. Dizziness. Headache.

SKIN Dry skin.

EYES Redness. Pain.

INGESTION Abdominal pain. Dullness. Nausea. Unconsciousness. Vomiting.

**N O T E S** The occupational exposure limit value should not be exceeded during any part of the working exposure.

LD50 (rat) Oral (mg/kg body weight) = 7712

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 3500

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 5

#### 11.2. Information on other hazards

No data available.

## SECTION 12. Ecological information

### 12.1. Toxicity

Use according to good working practices to avoid pollution into the environment.

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

No PBT/vPvB ingredient is present

### 12.6. Endocrine disrupting properties

No data available.

### 12.7. Other adverse effects

No adverse effects

## SECTION 13. Disposal considerations

### 13.1. Waste treatment methods

The waste must be disposed of in compliance with the regulations in force delivering empty containers for final disposal and equipped to safely handle pressurized containers containing flammable liquids and gas waste. The empty container heated to temperatures exceeding 70 °C can burst.

Recover if possible. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

## SECTION 14. Transport information



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#### 14.1. UN number or ID number

ADR/RID/IMDG/ICAO-IATA: 1950

ADR exemption because compliance with the following characteristics:

Combination packagings: per inner packaging 1 L per package 30 Kg

Inner packagings placed in shrink-wrapped or stretch-wrapped trays: per inner packaging 1 L per package 20 Kg



#### 14.2. UN proper shipping name

ADR/RID/IMDG: AEROSOL infiammabili

ADR/RID/IMDG: AEROSOL flammable

ICAO-IATA: AEROSOL flammable

#### 14.3. Transport hazard class(es)

ADR/RID/IMDG/ICAO-IATA: Class: 2

ADR/RID/IMDG/ICAO-IATA: Label: 2.1

ADR: Tunnel restriction code: D

ADR/RID/IMDG/ICAO-IATA: Limited quantities: 1 L

IMDG - EmS: F-D, S-U

#### 14.4. Packing group

ADR/RID/IMDG/ICAO-IATA: --

#### 14.5. Environmental hazards

ADR/RID/ICAO-IATA: Product is not environmentally hazardous

IMDG: Marine polluting agent: Not

#### 14.6. Special precautions for user

The transport must be carried out by authorized vehicles for the transport of dangerous goods in accordance with the requirements of the applicable Edition of the agreement A.D.R. and national provisions.

The transport must be carried out in the original packaging and in packages that are made from materials resistant to content and not likely to generate with this dangerous reactions. The process of loading and unloading of dangerous goods have received adequate training on the risks presented by prepared and on possible procedures to be taken in the event of emergency situations

#### 14.7. Maritime transport in bulk according to IMO instruments

It is not intended to carry bulk

## SECTION 15. Regulatory information

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

Directive 96/82/EC (Seveso), annex I, part 2: category 8

Control of Substances Hazardous to Health (COSHH), Regulations 2002

Regulation 2006/1907/EC (REACH), Regulation 2008/1272/EC (CLP).

Seveso category:

P3a - FLAMMABLE AEROSOLS

REGULATION (EU) No 1357/2014 - waste:

HP3 - Flammable

HP4 - Irritant — skin irritation and eye damage



## SAFETY DATA SHEET

### SUPER HELP - DE-ICER LOCK

Issued on 11/12/2010 - Rel. # 5 on 10/06/2021

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In conformity to Regulation (EU) 2020/878

HP5 - Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

#### 15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

### SECTION 16. Other information

#### 16.1. Other information

Points modified compared to previous release: 1.1. Product identifier, 1.2. Relevant identified uses of the substance or mixture and uses advised against, 2.2. Label elements, 2.3. Other hazards, 3.2 Mixtures, 7.1. Precautions for safe handling, 8.1. Control parameters, 8.2. Exposure controls, 10.1. Reactivity, 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008, 12.1. Toxicity, 12.3. Bioaccumulative potential, 12.5. Results of PBT and vPvB assessment, 12.6. Endocrine disrupting properties, 14.2. UN proper shipping name, 14.3. Transport hazard class(es)

Description of the hazard statements exposed to point 3

H225 = Highly flammable liquid and vapour.

H319 = Causes serious eye irritation.

H336 = May cause drowsiness or dizziness.

H220 = Extremely flammable gas.

H280 = Contains gas under pressure; may explode if heated.

H302 = Harmful if swallowed.

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

Classification based on data of all mixture components

Main normative references:

Regulation 1907/2006/EC

Regulation 1272/2008/EC

Regulation (EU) 2020/878

\*\*\* This tab annuls and replaces any previous edition.