



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No. 2015/830

Revision date: 20/3/2020  
Version: 4  
Language: en-GB,IE  
Date of print: 10/6/2020

## SAVE YOUR FRAME

Material number 11487

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

#### 1.1 Product identifier

Trade name: SAVE YOUR FRAME

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

General use: Preservatives; spray aerosols

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

Company name: SKS metaplast Scheffer-Klute GmbH

Street/POB-No.: Zur Hubertushalle 4

Postal Code, city: 59846 Sundern

WWW: www.sks-germany.com

E-mail: sales@sks-germany.com

Telephone: +49 (0)2933 831-107

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Department responsible for information:

E-mail: sales@sks-germany.com, Telephone: +49 (0) 2933 / 831-0

#### 1.4 Emergency telephone number

Telephone: 844 892 0111 (UK National Poisons Information Service (NPIS))

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to EC regulation 1272/2008 (CLP)

Aerosol 1; H222; H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

Skin Sens. 1; H317 May cause an allergic skin reaction.

#### 2.2 Label elements

##### Labelling (CLP)



Signal word: **Danger**

Hazard statements:	H222	Extremely flammable aerosol.
	H229	Pressurised container: May burst if heated.
	H317	May cause an allergic skin reaction.

##### Precautionary Statements:

P101	If medical advice is needed, have product container or label at hand.
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.
P280	Wear protective gloves/protective clothing/eye protection.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.



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### Special labelling

Text for labelling:

Labelling for contents according to regulation (EC) No 648/2004, annex VII:

Contains:

- 30 % and more aliphatic hydrocarbons
- less than 5% non-ionic surfactant
- less than 5% perfumes (, Butylphenyl Methylpropional)
- Preservatives (2-Methyl-2H-isothiazol-3-one)

www.sks-germany.com

### 2.3 Other hazards

Potentially explosive mixtures may form if adequate ventilation is not provided. Inhaling can lead to irritations of the respiratory tract and mucous membrane. Higher doses may lead to a narcotic effect.

Results of PBT and vPvB assessment:

No data available

## SECTION 3: Composition / information on ingredients

3.1 Substances: not applicable

### 3.2 Mixtures

Chemical characterisation:

Mixture of the substances listed below with non-hazardous additions:

Hazardous ingredients:

Ingredient	Designation	Content	Classification
REACH 01-2119457273-39-xxxx list no. 918-481-9 CAS 64742-48-9	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	5 - 10 %	Asp. Tox. 1; H304. (EUH066).
EC No. 202-590-7 CAS 97-54-1		0.1 - 1 %	Acute Tox. 4; H302. Acute Tox. 4; H312. Skin Irrit. 2; H315. Eye Irrit. 2; H319. Skin Sens. 1A; H317.
EC No. 220-239-6 CAS 2682-20-4	2-Methyl-2H- isothiazol-3- one	< 0.0015 %	Acute Tox. 3; H301. Acute Tox. 3; H311. Acute Tox. 2; H330. Skin Corr. 1B; H314. Eye Dam. 1; H318. Skin Sens. 1A; H317. Aquatic Acute 1; H400 (M-factor = 10). Aquatic Chronic 1; H410 (M-factor = 1). (EUH071).
EC No. 203-448-7 CAS 106-97-8	n-Butane (<0,01% 1,3-Butadiene)	15 - 20 %	Flam. Gas 1; H220. Press. Gas (Comp.); H280.
EC No. 200-827-9 CAS 74-98-6	Propane	5 - 10 %	Flam. Gas 1; H220. Press. Gas (Comp.); H280.
EC No. 200-857-2 CAS 75-28-5	Isobutane	1 - 3 %	Flam. Gas 1; H220. Press. Gas.

Full text of H- and EUH-statements: see section 16.



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Additional information: Labelling for contents according to regulation (EC) No 648/2004, annex VII:

Contains:

- 30 % and more aliphatic hydrocarbons
- less than 5% non-ionic surfactant
- less than 5% perfumes (, Butylphenyl Methylpropional)
- Preservatives (2-Methyl-2H-isothiazol-3-one)

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General information: IF exposed or concerned: Get medical advice/attention. First aider: Pay attention to self-protection!

In case of inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if problems persist.

Following skin contact: Immediately clean with water and soap followed by thorough rinsing. Take off contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

Remove contact lenses, if present and easy to do. Continue rinsing. Subsequently consult an ophthalmologist.

After swallowing: Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth and seek medical attention immediately.

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

May cause an allergic skin reaction.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media:

Water spray jet, foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Full water jet

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

Extremely flammable aerosol. Pressurised container: May burst if heated.

May form dangerous gases and vapours in case of fire.

Furthermore, there may develop: carbon monoxide and carbon dioxide.

### 5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.



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Additional information: Hazchem-Code: -  
Heating will lead to pressure increase: Danger of bursting and explosion. Use fine water spray to cool endangered containers.  
Move undamaged containers from immediate hazard area if it can be done safely.  
In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.  
Do not allow fire water to penetrate into surface or ground water.  
Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

## SECTION 6: Accidental release measures

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

Do not breathe spray. Avoid contact with the substance.  
Eliminate all ignition sources if safe to do so. Provide adequate ventilation.  
Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse. Keep unprotected people away.  
Cordon off downwind area at risk and warn inhabitants.

### 6.2 Environmental precautions

Do not allow to enter into ground-water, surface water or drains. Danger of explosion!  
In case of release, notify competent authorities.

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

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).  
Thoroughly clean surrounding area.  
In case of greater quantities: Collect mechanically (use only explosion-proof equipment when pumping out).

### 6.4 Reference to other sections

Refer additionally to section 8 and 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Do not breathe spray. Do not get in eyes, on skin, or on clothing. Wear appropriate protective equipment.  
Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse.  
Guarantee sufficient ventilation during and after use, in order to prevent vapour accumulation. Have eye wash bottle or eye rinse ready at work place.

Precautions against fire and explosion:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source.



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

Requirements for storerooms and containers:

- Keep container tightly closed and in a well-ventilated place.
- Keep container dry. Keep only in the original container.
- Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- Store containers in upright position.
- Protect from frost.

Hints on joint storage: Keep away from food, drink and animal feedingstuffs.

### 7.3 Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
64742-48-9	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	Great Britain: WEL-TWA	1200 mg/m <sup>3</sup> (> or = C7, Normal and branched chain alkanes)
		Great Britain: WEL-TWA	800 mg/m <sup>3</sup> (> or = C7, Cycloalkanes)
106-97-8	n-Butane (<0,01% 1,3-Butadiene)	Great Britain: WEL-STEL	1810 mg/m <sup>3</sup> ; 750 ppm
		Great Britain: WEL-TWA Ireland: 8 hours	1450 mg/m <sup>3</sup> ; 600 ppm 1000 ppm
74-98-6	Propane	Ireland: 8 hours	1000 ppm
75-28-5	Isobutane	Ireland: 15 minutes	1000 ppm

### 8.2 Exposure controls

Provide for good ventilation or exhaust system or work with completely self-contained equipment.

### Personal protection equipment

#### Occupational exposure controls

Respiratory protection: Respiratory protection must be worn whenever the WEL levels have been exceeded. combination filter ABEK according to EN 141.

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Hand protection: Protective gloves according to EN 374.  
Glove material: nitrile rubber  
Breakthrough time: > 480 min  
Layer thickness: 0.35 mm

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed goggles according to EN 166.

Body protection: Flame retardant, antistatic and chemical resistant protective clothing.



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### General protection and hygiene measures:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not pierce or burn, even after use.

Do not breathe spray. Do not get in eyes, on skin, or on clothing.

When using do not eat or drink. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse.

Guarantee sufficient ventilation during and after use, in order to prevent vapour accumulation. Have eye wash bottle or eye rinse ready at work place.

### Environmental exposure controls

Do not allow to enter into ground-water, surface water or drains.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance:	Physical state at 20 °C and 101.3 kPa: liquid Form: Aerosol
Odour:	Characteristic
Odour threshold:	No data available
pH value:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	-42 - 211 °C
Flash point/flash point range:	97 °C
Evaporation rate:	0.300 (n-BuAc=1)
Flammability:	Extremely flammable aerosol.
Explosion limits:	No data available
Vapour pressure:	853 kPa
Vapour density:	Not applicable
Density:	at 20 °C: 0.846 g/mL
Water solubility:	Insoluble
Partition coefficient: n-octanol/water:	2.890 log P(o/w) (n-Butane) Based on the n-octanol/water partition coefficient significant accumulation in organisms is not expected.
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity, kinematic:	No data available
Explosive properties:	Vapours can form explosive mixtures with air.
Oxidizing characteristics:	No data available

### 9.2 Other information

Additional information: No data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Extremely flammable aerosol.

Vapours can form explosive mixtures with air.



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### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

Pressurised container: May burst if heated.

### 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Protect from frost.

### 10.5 Incompatible materials

No data available

### 10.6 Hazardous decomposition products

No decomposition when used properly.

Thermal decomposition: No data available

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Based on available data, the classification criteria are not met.

ATEmix (calculated): 2,000 mg/kg < ATE ≤ 5,000 mg/kg

Acute toxicity (dermal): Based on available data, the classification criteria are not met.

ATEmix (calculated): 2,000 mg/kg < ATE ≤ 5,000 mg/kg

Acute toxicity (inhalative): Based on available data, the classification criteria are not met.

ATEmix (calculated): ATE > 20 mg/L.

Skin corrosion/irritation: Lack of data.

Serious eye damage/irritation: Lack of data.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Skin Sens. 1; H317 = May cause an allergic skin reaction.

Germ cell mutagenicity/Genotoxicity: Lack of data.

Carcinogenicity: Lack of data.

Reproductive toxicity: Lack of data.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Lack of data.

Specific target organ toxicity (repeated exposure): Lack of data.

Aspiration hazard: Lack of data.



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Other information: Information about:  
LD50 Rat, oral:  $\geq 5,000$  mg/kg  
LD50, Rabbit, dermal: 2,000 mg/kg  
LC50, Rat, inhalative:  $\geq 50$  mg/L/4h  
Information about Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics:  
LD50 Rat, oral:  $\geq 5,000$  mg/kg  
LD50, Rabbit, dermal:  $\geq 5,000$  mg/kg  
LC50, Rat, inhalative:  $\geq 50$  mg/L/4h  
Information about n-Butane:  
LD50 Rat, oral:  $\geq 5,000$  mg/kg  
LD50, Rabbit, dermal:  $\geq 5,000$ mg/kg  
LC50, Rat, inhalative:  $\geq 50$  mg/L/4h  
Information about Propane  
LD50 Rat, oral:  $\geq 5,000$ mg/kg  
LD50, Rabbit, dermal:  $\geq 5,000$ mg/kg  
LC50, Rat, inhalative:  $\geq 50$  mg/L/4h  
Information about Isobutane  
LD50 Rat, oral:  $\geq 5,000$ mg/kg  
LD50, Rabbit, dermal:  $\geq 5,000$ mg/kg  
LC50, Rat, inhalative:  $\geq 50$  mg/L/4h

### Symptoms

In case of inhalation: sore throat, cough, shortness of breath, headache  
In case of ingestion: Diarrhoea, nausea, vomiting, headache, gastric spasms, fatigue  
After contact with skin: redness, pain.  
Repeated exposure may cause skin dryness or cracking.  
After eye contact: Upon direct contact with eyes may cause burning, tearing, redness.

## SECTION 12: Ecological information

### 12.1 Toxicity

Further details: No data available

### 12.2 Persistence and degradability

Further details: The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

### 12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:  
2.890 log P(o/w) (n-Butane)  
Based on the n-octanol/water partition coefficient significant accumulation in organisms is not expected.

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Other adverse effects

AOX reference: The product contains organically bound halogen. Thus it may add to the AOX value.





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General information: Do not allow to enter into ground-water, surface water or drains.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### Product

Waste key number: 16 05 04\* = Gases in pressure containers (including halons) containing hazardous substances/Aerosol

\* = Evidence for disposal must be provided.

Recommendation: Do not pierce or burn, even after use.  
Special waste. Dispose of waste according to applicable legislation.  
Do not dispose of with household waste.

##### Contaminated packaging

Waste key number: 15 01 04 = metallic packaging

Recommendation: Dispose of waste according to applicable legislation.  
Empty carefully and completely, if possible. Handle empty containers with care.  
Incineration may cause explosion.

### SECTION 14: Transport information

#### 14.1 UN number

ADR/RID, IMDG, IATA-DGR:

UN 1950

#### 14.2 UN proper shipping name

ADR/RID, IMDG: UN 1950, AEROSOLS

IATA-DGR: UN 1950, AEROSOLS, FLAMMABLE

#### 14.3 Transport hazard class(es)

ADR/RID: Class 2, Code: 5F

IMDG: Class 2.1, Subrisk -

IATA-DGR: Class 2.1



#### 14.4 Packing group

ADR/RID, IATA-DGR: not applicable

IMDG: -

#### 14.5 Environmental hazards

Marine pollutant: no



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### 14.6 Special precautions for user

#### Land transport (ADR/RID)

Warning board: RID: Kemmler-number 23, UN number UN 1950  
Hazard label: 2.1  
Special provisions: 190 327 344 625  
Limited quantities: 1 L  
EQ: E0  
Contaminated packaging - Instructions: P207 LP200  
Contaminated packaging - Special provisions: PP87 RR6 L2  
Special provisions for packing together: MP9  
Tunnel restriction code: D

#### Sea transport (IMDG)

EmS: F-D, S-U  
Special provisions: 63, 190, 277, 327, 344, 381, 959  
Limited quantities: 1000 mL  
Excepted quantities: E0  
Contaminated packaging - Instructions: P207, LP200  
Contaminated packaging - Provisions: PP87, L2  
IBC - Instructions: -  
IBC - Provisions: -  
Tank instructions - IMO: -  
Tank instructions - UN: -  
Tank instructions - Provisions: -  
Stowage and handling: SW1 SW22  
Segregation: SG69  
Properties and observations: -  
Segregation group: none

#### Air transport (IATA)

Hazard label: Flamm. gas  
Excepted Quantity Code: E0  
Passenger and Cargo Aircraft: Ltd.Qty.: Pack.Instr. Y203 - Max. Net Qty/Pkg. 30 kg G  
Passenger and Cargo Aircraft: Pack.Instr. 203 - Max. Net Qty/Pkg. 75 kg  
Cargo Aircraft only: Pack.Instr. 203 - Max. Net Qty/Pkg. 150 kg  
Special provisions: A145 A167 A802  
Emergency Response Guide-Code (ERG): 10L

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

## SECTION 15: Regulatory information

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

#### National regulations - Great Britain

Hazchem-Code: -  
No data available

#### National regulations - EC member states

Volatile organic compounds (VOC):  
33.49 % by weight = 235.696 g/L



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Further regulations, limitations and legal requirements:

Use restriction according to REACH annex XVII, no.: 3, 40  
Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: P3a.

### 15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

## SECTION 16: Other information

### Further information

Classification procedure:

Aerosol 1 H222, H229 Pressurised container: May burst if heated. Extremely flammable aerosol.: Classification according to EC regulation 1272/2008 (CLP)

Asp. Tox. 1 H304: calculation method

Wording of the H-phrases under paragraph 2 and 3:

H220 = Extremely flammable gas.

H222 = Extremely flammable aerosol.

H227 = Combustible liquid.

H229 = Pressurised container: May burst if heated.

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

H301 = Toxic if swallowed.

H302 = Harmful if swallowed.

H304 = May be fatal if swallowed and enters airways.

H311 = Toxic in contact with skin.

H312 = Harmful in contact with skin.

H314 = Causes severe skin burns and eye damage.

H315 = Causes skin irritation.

H317 = May cause an allergic skin reaction.

H318 = Causes serious eye damage.

H319 = Causes serious eye irritation.

H330 = Fatal if inhaled.

H400 = Very toxic to aquatic life.

H410 = Very toxic to aquatic life with long lasting effects.

EUH066 = Repeated exposure may cause skin dryness or cracking.

EUH071 = Corrosive to the respiratory tract.



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### Abbreviations and acronyms:

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
OEL: Occupational Exposure Limit Value  
AOX: Adsorbable Organic Halogens  
AS/NZS: Australian Standards/New Zealand Standards  
CAS: Chemical Abstracts Service  
CFR: Code of Federal Regulations  
CLP: Classification, Labelling and Packaging  
DMEL: Derived minimal effect level  
DNEL: Derived no-effect level  
EC: European Community  
EN: European Standard  
EU: European Union  
IATA: International Air Transport Association  
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
IMDG Code: International Maritime Dangerous Goods Code  
LC50: Median lethal concentration  
LD50: Lethal dose 50%  
log P(o/w): Partition coefficient: octanol/water  
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships  
M-factor: Multiplication factor  
OSHA: Occupational Safety and Health Administration  
PBT: Persistent, bioaccumulative and toxic  
PNEC: Predicted no-effect concentration  
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals  
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail  
TLV: Threshold Limit Value  
TRGS: Technical Rules for Hazardous Substances  
vPvB: Very persistent and very bioaccumulative  
WEL: Workplace Exposure Limit

Reason of change: Changes in section 2: classification, labelling  
Changes in section 3: Composition / information on ingredients  
Changes in section 11: Toxicological information  
General revision

Date of first version: 29/10/2018

### Department issuing data sheet

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