



# SAFETY DATA SHEET

This safety data sheet complies with the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Issue Date 1992 11 01

Revision Date 2016 05 11

Version 15.21

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

**Product Code** SKEUC  
**Product Name** SAILKOTE AEROSOL  
**Pure substance/mixture** Mixture

Contains Heptane (n-), n-Butyl acetate

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

**Recommended Use** Dry lubricant  
Aerosol  
Consumer use

### **Uses advised against**

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

#### **Manufacturer**

McGee Industries, Inc.  
9 Crozerville Rd  
P.O. Box 2425  
Aston, PA 19014  
United States  
Tel: (01) 1-610-459-1890  
Fax: (01) 1-610-459-9538

For further information, please contact

**E-mail address** info@mclube.com

### 1.4. Emergency telephone number

Emergency Telephone CHEMTREC: (01) 1-703-527-3887

Emergency Telephone - §45 - (EC)1272/2008	
Europe	112
Austria	Euro-Notruf: 112 Rettung: 144 Ärzte-Funkdienst: 141 VIZ Notruf-Telefon: + 43 1 406 43 43
Belgium	Belgisch Antigifcentrum: 070 245 245
Denmark	Giftlinjen: 82 12 12 12
Finland	Giftinformationscentralen: 09 471 977

France	numéro ORFILA (INRS): + 33 (0)1 45 42 59 59
Spain	Solo emergencias toxicológicas: + 34 91 562 04 20
Czech Republic	Národní středisko pro otravu jedy: +420 224 919 293, +420 224 915 402
Hungary	Információs szolgálat akut mérgezés esetén: (06-80) 201-199

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This information is offered in good faith based on data available to us that we believe to be true and accurate.

Aspiration toxicity	Category 1 - (H304)
Skin corrosion/irritation	Category 2 - (H315)
Specific target organ toxicity (single exposure)	Category 3 - (H336)
Chronic aquatic toxicity	Category 1 - (H410)
Flammable Aerosols	Category 1 - (H222)
Gases under pressure	Compressed gas - (H229)

### 2.2. Label elements

#### Product identifier

Contains Heptane (n-), n-Butyl acetate



#### Signal word

Danger

#### Hazard statements

H222 - Extremely flammable aerosol  
 H229 - Pressurized container: May burst if heated  
 H304 - May be fatal if swallowed and enters airways  
 H315 - Causes skin irritation  
 H336 - May cause drowsiness or dizziness  
 H410 - Very toxic to aquatic life with long lasting effects

#### Precautionary Statements - EU (§28, 1272/2008)

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/sparks/open flames/hot surfaces. - NO SMOKING  
 P211 - Do not spray on an open flame or other ignition source  
 P251 - Pressurized container: Do not pierce or burn, even after use  
 P261 - Avoid breathing vapors/spray  
 P264 - Wash hands thoroughly after handling  
 P270 - Do not eat, drink or smoke when using this product  
 P271 - Use only outdoors or in a well-ventilated area  
 P301 + P310 + P331 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting  
 P501 - Dispose of contents/container in accordance with national regulations  
 P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position 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 or doctor/physician if you feel unwell  
 P332 + P313 - If skin irritation occurs: Get medical advice/attention  
 P337 + P313 - If eye irritation persists: Get medical advice/attention  
 P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F  
 P405 - Store locked up  
 P374 - Fight fire with normal precautions from a reasonable distance

**2.3. Other hazards**

Prolonged exposure may cause chronic effects.

Irritating to eyes, respiratory system and skin.

Prolonged skin contact may defat the skin and produce dermatitis.

May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination.

Wash hands thoroughly after handling.

Do not smoke. Do not contaminate tobacco products. The thermal decomposition vapours of fluorinated polymers may cause polymer fume fever with flu-like symptoms in humans, especially when smoking tobacco.

Heating above 260°C may cause formation of potentially toxic substances

Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal

Do not pierce or burn, even after use

When operating continuously for long periods, the aerosol container can become very cold. Care should be taken to avoid skin burns.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substances**

Not applicable

**3.2 Mixtures****Chemical nature**

Fluoropolymer dispersion. Aerosol.

**Component Information:**

Chemical Name	EC No.	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Heptane (n-)	205-563-8	142-82-5	40.0-50.0	Skin Irrit. 2; (H315) STOT SE 3; (H336) Asp. Tox. 1; (H304) Aquatic Acute 1; (H400) Aquatic Chronic 1; (H410) Flam. Liq. 2; (H225)	01-2119457603-38
n-Butyl acetate	204-658-1	123-86-4	10.0-20.0	(EUH066) STOT SE 3 (H336) Flam. Liq. 3 (H226)	01-2119485493-29
Dimethyl ether	204-065-8	115-10-6	10.0-20.0	Flam. Gas 1 (H220) Press. Gas (H280)	01-2119472128-37
Ethanol	200-578-6	64-17-5	10.0-20.0	Flam. Liq. 2 (H225)	01-2119457610-43
Carbon dioxide	-	124-28-9	2.0-5.0	-	-
Propan-2-ol	200-661-7	67-63-0	1.0-5.0	Eye Irrit. 2, (H319) STOT SE 3, (H336) Flam. Liq. 2, (H225)	01-2119457558-25

**Full text of H- and EUH-phrases: see section 16****Additional information**

The exact percentage (concentration) of composition has been withheld as a trade secret

Weight percents listed are typical and do not represent a specification. Remaining components are proprietary, nonhazardous, and/or present at amounts below reportable limits.

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

The monomers constituting the polymers present in the product are REACH registered

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>General advice</b>	Use first aid treatment according to the nature of the injury. Never give anything by mouth to an unconscious person. When symptoms persist or in all cases of doubt, seek medical advice.
<b>Inhalation</b>	Remove from exposure, lie down. Artificial respiration and/or oxygen may be necessary. If symptoms persist, call a physician.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. Take off contaminated clothing. Wash contaminated clothing before reuse. If symptoms persist, call a physician.
<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while rinsing. If symptoms persist, call a physician.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Clean mouth with water. Do NOT induce vomiting without medical advice. Potential for aspiration if swallowed. Call a physician immediately.
<b>Self-protection of the first aider</b>	First aider: Pay attention to self-protection. Remove all sources of ignition. Use personal protection recommended in Section 8.

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

**Symptoms** Drowsiness. Dizziness.

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

**Note to physicians** Treat symptomatically. Potential for aspiration if swallowed.

## Section 5: FIRE FIGHTING MEASURES

### 5.1. Extinguishing media

#### **Suitable extinguishing media**

Water spray (fog). Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### **Unsuitable extinguishing media**

Do not use a solid water stream as it may scatter and spread fire

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

May be ignited by heat, sparks or flames. Vapors may form explosive mixture with air. Vapors may travel to source of ignition and flash back. Flash back possible over considerable distance. Thermal decomposition can lead to release of irritating and toxic gases and vapors. Contents under pressure. Aerosol cans may explode in a fire. Heating above 260°C may cause formation of potentially toxic substances

**Hazardous combustion products** Carbon oxides. Fluorinated compounds.

### 5.3. Advice for firefighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Keep away from sources of ignition. Prevent fire fighting water from entering surface water or groundwater. Cool containers with spray water from a safe distance.

## Section 6: ACCIDENTAL RELEASE MEASURES

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

**Personal precautions**

Use personal protection recommended in Section 8. Evacuate personnel to safe areas. Remove all sources of ignition. Take precautionary measures against static discharges. Extremely slippery when spilled.

See also Section 12.

**For emergency responders**

Use personal protection recommended in Section 8.

**6.2. Environmental precautions**

Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological Information.

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

Dike far ahead of liquid spill for later disposal. If possible, turn leaking containers so that gas escapes rather than liquid.

**Methods for cleaning up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly.

**6.4. Reference to other sections**

See Section 8 for more information. See Section 13 for more information.

**Section 7: HANDLING AND STORAGE****7.1. Precautions for safe handling****Advice on safe handling**

Contents under pressure. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. Do not smoke. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Use personal protection recommended in Section 8.

**General Hygiene Considerations**

Wash hands thoroughly after handling. Do not smoke while using nor contaminate tobacco products.

**7.2. Conditions for safe storage, including any incompatibilities****Storage Conditions**

Protect from sunlight. Store at temperatures not exceeding 50 °C/ 122 °F. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

Storage Class (VCI): 2B

**7.3. Specific end use(s)****Specific use(s)**

Section 1 informs about identified uses.

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters****Exposure Limits****Components With Workplace Control Parameters:**

## SAILKOTE AEROSOL

## Version 15.21

## Revision Date 2016 05 11

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Heptane (n-) 142-82-5	TWA 500 ppm TWA 2085 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 2085 mg/m <sup>3</sup> STEL: 1500 ppm STEL: 6255 mg/m <sup>3</sup>	TWA: 400 ppm TWA: 1668 mg/m <sup>3</sup> TWA: 1000 mg/m <sup>3</sup> STEL: 500 ppm STEL: 2085 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 2085 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 2100 mg/m <sup>3</sup>
n-Butyl acetate 123-86-4	-	TWA: 150 ppm TWA: 724 mg/m <sup>3</sup> STEL: 200 ppm STEL: 966 mg/m <sup>3</sup>	TWA: 150 ppm TWA: 710 mg/m <sup>3</sup> STEL: 200 ppm STEL: 940 mg/m <sup>3</sup>	TWA: 150 ppm TWA: 724 mg/m <sup>3</sup> STEL: 200 ppm STEL: 965 mg/m <sup>3</sup>	TWA: 62 ppm TWA: 300 mg/m <sup>3</sup>
Dimethyl ether 115-10-6	TWA 1000 ppm TWA 1920 mg/m <sup>3</sup>	TWA: 400 ppm TWA: 766 mg/m <sup>3</sup> STEL: 500 ppm STEL: 958 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>
Ethanol 64-17-5	-	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup> STEL: 3000 ppm STEL: 5760 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> STEL: 5000 ppm STEL: 9500 mg/m <sup>3</sup>	STEL: 1000 ppm STEL: 1910 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 960 mg/m <sup>3</sup>
Propan-2-ol 67-63-0	-	TWA: 400 ppm TWA: 999 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1250 mg/m <sup>3</sup>	STEL: 400 ppm STEL: 980 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> STEL: 400 ppm STEL: 1000 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup>
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
Heptane (n-) 142-82-5	TWA: 500 ppm TWA: 2085 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 2085 mg/m <sup>3</sup> STEL: 500 ppm	TWA: 1200 mg/m <sup>3</sup> STEL: 1600 mg/m <sup>3</sup>	TWA: 300 ppm TWA: 1200 mg/m <sup>3</sup> STEL: 500 ppm STEL: 2100 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 820 mg/m <sup>3</sup>
n-Butyl acetate 123-86-4	-	TWA: 150 ppm STEL: 200 ppm	-	TWA: 150 ppm TWA: 720 mg/m <sup>3</sup> STEL: 200 ppm STEL: 960 mg/m <sup>3</sup>	TWA: 150 ppm TWA: 710 mg/m <sup>3</sup>
Dimethyl ether 115-10-6	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>	TWA: 950 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 2000 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>
Ethanol 64-17-5	-	TWA: 1000 ppm	TWA: 260 mg/m <sup>3</sup> STEL: 1900 mg/m <sup>3</sup> H*	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> STEL: 1300 ppm STEL: 2500 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>
Propan-2-ol 67-63-0	-	TWA: 200 ppm STEL: 400 ppm	-	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> STEL: 250 ppm STEL: 620 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 490 mg/m <sup>3</sup>
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Heptane (n-) 142-82-5	TWA: 500 ppm TWA: 2000 mg/m <sup>3</sup> STEL 2000 ppm STEL 8000 mg/m <sup>3</sup>	TWA: 400 ppm TWA: 1600 mg/m <sup>3</sup> STEL: 400 ppm STEL: 1600 mg/m <sup>3</sup>	STEL: 2000 mg/m <sup>3</sup> TWA: 1200 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 800 mg/m <sup>3</sup> TWA: 40 ppm TWA: 275 mg/m <sup>3</sup> STEL: 200 ppm STEL: 800 mg/m <sup>3</sup> STEL: 40 ppm STEL: 275 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 2085 mg/m <sup>3</sup> STEL: 1500 ppm STEL: 6255 mg/m <sup>3</sup>
n-Butyl acetate 123-86-4	TWA: 100 ppm TWA: 480 mg/m <sup>3</sup> STEL 100 ppm STEL 480 mg/m <sup>3</sup> Ceiling 100 ppm Ceiling 480 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 480 mg/m <sup>3</sup> STEL: 200 ppm STEL: 960 mg/m <sup>3</sup>	STEL: 950 mg/m <sup>3</sup> TWA: 200 mg/m <sup>3</sup>	-	TWA: 150 ppm TWA: 710 mg/m <sup>3</sup> STEL: 200 ppm STEL: 950 mg/m <sup>3</sup>
Dimethyl ether 115-10-6	TWA: 1000 ppm TWA: 1910 mg/m <sup>3</sup> STEL 2000 ppm STEL 3820 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1910 mg/m <sup>3</sup>	TWA: 1000 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 384 mg/m <sup>3</sup> STEL: 200 ppm STEL: 384 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup> STEL: 3000 ppm STEL: 5760 mg/m <sup>3</sup>
Ethanol 64-17-5	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> STEL 2000 ppm STEL 3800 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 960 mg/m <sup>3</sup> STEL: 1000 ppm STEL: 1920 mg/m <sup>3</sup>	TWA: 1900 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 950 mg/m <sup>3</sup> STEL: 500 ppm STEL: 950 mg/m <sup>3</sup>	STEL: 1000 ppm
Propan-2-ol 67-63-0	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> STEL 800 ppm STEL 2000 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> STEL: 400 ppm STEL: 1000 mg/m <sup>3</sup>	STEL: 1200 mg/m <sup>3</sup> TWA: 900 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 245 mg/m <sup>3</sup> STEL: 100 ppm STEL: 245 mg/m <sup>3</sup>	TWA: 200 ppm STEL: 400 ppm Sk*

**Legend**

Sweden: 2015:7 Hygieniska gränsvärden

**Biological Limit Values**

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Propan-2-ol 67-63-0	-	-	-	40	25 mg/L
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Propan-2-ol 67-63-0	-	25	-	-	-

**Derived No Effect Level (DNEL)** No information available.**Predicted No Effect Concentration (PNEC)** No information available.**8.2. Exposure controls****Engineering Controls**

Ensure adequate ventilation, especially in confined areas. As a general rule, at least 10 air changes per hour are recommended at the workplace.

Explosion-proof equipment (for example fans, switches, and grounded ducts) should be used in mechanical ventilation systems.

Showers.

Eyewash stations.

**Personal protective equipment****Eye/face protection**

Avoid contact with eyes. Wear safety glasses with side shields (or goggles). EN 166:2002.

**Hand Protection**

Wear protective nitrile rubber gloves. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. EN 374-1:2003.

**Skin and body protection**

Wear suitable protective clothing.

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

**Recommended filter type:**

brown AX (EN 371:1992)

**Environmental exposure controls** Do not allow into any sewer, on the ground or into any body of water.**Section 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties** Properties Apply to Liquid (Less Propellant)

<b>Physical state</b>	Liquid	<b>Odor</b>	Sweet ester odor
<b>Appearance</b>	white translucent	<b>Odor threshold</b>	No data available
<b>Color</b>	white		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	No data available	
<b>Melting point / Freezing point</b>	No data available	
<b>Boiling point / boiling range</b>	78 - 149 °C / 173 - 301 °F	
<b>Flash point</b>	- 4 °C / 24 °F	Tag Closed Cup
<b>Evaporation rate</b>	< 1	(Butyl Acetate = 1)
<b>Flammability (solid, gas)</b>	Not applicable	
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit:</b>	10.7	(Vol % @ 38°C (100°F))
<b>Lower flammability limit:</b>	2.0	(Vol % @ 38°C (100°F))
<b>Vapor pressure</b>	2.0	@ 20 °C (kPa)
<b>Vapor density</b>	3.5	(Air = 1)
<b>Relative density</b>	0.78	g/ml @ 20°C
<b>Water solubility</b>	< 10%	
<b>Solubility(ies)</b>	No data available	
<b>Partition coefficient</b>	No data available	
<b>Autoignition temperature</b>	No data available	
<b>Decomposition temperature</b>	325 - 400 °C/ 600 - 750 °F	
<b>Kinematic viscosity</b>	10.0-15.0	mm <sup>2</sup> /s @25 °C

<b>Dynamic viscosity</b>	No data available
<b>Explosive properties</b>	Not applicable
<b>Oxidizing properties</b>	No data available

**9.2. Other information**

<b>Softening point</b>	No data available
<b>Molecular weight</b>	No data available
<b>VOC Content (%)</b>	<= 96.0 Wt % (<= 740 g/L)
<b>Density</b>	6.47 lbs./gal. (780 kg/m <sup>3</sup> )
<b>Bulk density</b>	No data available

## Section 10: STABILITY AND REACTIVITY

**10.1. Reactivity**

Stable

**10.2. Chemical stability**

Stable.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge May be ignited by heat, sparks or flames.

**10.3. Possibility of hazardous reactions****Hazardous polymerization**

Hazardous polymerization does not occur.

**Possibility of Hazardous Reactions**

None under normal processing.

**10.4. Conditions to avoid**

Heat, flames and sparks. Take precautionary measures against static discharges. Protect from direct sunlight. Temperatures above 50 °C / 122 °F.

Decomposition temperature: 325-400°C / 600-750°F.

**10.5. Incompatible materials**

Strong oxidizing agents.

**10.6. Hazardous decomposition products**

Carbon oxides. Fluorinated compounds.

## Section 11: TOXICOLOGICAL INFORMATION

**11.1. Information on toxicological effects****Acute toxicity****Product Information****Inhalation**

Inhalation of vapors in high concentration may cause irritation of respiratory system. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Do not smoke. Do not contaminate tobacco products. The thermal decomposition vapours of fluorinated polymers may cause polymer fume fever with flu-like symptoms in humans, especially when smoking tobacco. Heating above 260°C may cause formation of potentially toxic substances.



<b>Eye contact</b>	May cause irritation.
<b>Skin contact</b>	May cause irritation.
<b>Ingestion</b>	Not an expected route of exposure. May be harmful if swallowed. Potential for aspiration if swallowed.

**Unknown acute toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATEmix (oral)</b>	> 5000 mg/kg
<b>ATEmix (dermal)</b>	4050 mg/kg
<b>ATEmix (inhalation-gas)</b>	> 20000 ppm
<b>ATEmix (inhalation-dust/mist)</b>	> 5 mg/l
<b>ATEmix (inhalation-vapor)</b>	> 20 mg/l

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Heptane (n-)	> 5000 mg/kg ( Rat )	= 3000 mg/kg ( Rabbit )	= 103 g/m <sup>3</sup> ( Rat ) 4 h
n-Butyl acetate	= 12789 mg/kg ( Rat )	> 17600 mg/kg ( Rabbit )	= 390 ppm ( Rat ) 4 h
Dimethyl ether			= 308.5 mg/L ( Rat ) 4 h
Ethanol	= 15010 mg/kg ( Rat )	= 20000 mg/kg ( Rabbit )	= 124.7 mg/L ( Rat ) 4 h
Propan-2-ol	= 5840 mg/kg ( Rat )	= 13900 mg/kg ( Rabbit )	> 25000 mg/m <sup>3</sup> ( Rat ) 6 h vapour

<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	Risk of serious damage to the lungs by aspiration.

## Section 12: ECOLOGICAL INFORMATION

**12.1. Toxicity**

**Ecotoxicity** Acute aquatic toxicity, Category 1; Acute Summation Method  
Chronic aquatic toxicity, Category 1; Chronic Summation Method

**Component Information:**

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Heptane (n-)	4,338: 72 h Pseudokirchneriella subcapitata mg/L EL50	375.0: 96 h Cichlid fish mg/L LC50	10: 24 h Daphnia magna mg/L EC50
n-Butyl acetate	674.7: 72 h Desmodesmus subspicatus mg/L EC50	100: 96 h Lepomis macrochirus mg/L LC50 static 17 - 19: 96 h Pimephales promelas mg/L LC50	72.8: 24 h Daphnia magna mg/L EC50

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		flow-through 62: 96 h Leuciscus idus mg/L LC50 static	
Ethanol	1000: 96 h Chlorella vulgaris mg/L EC50	12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static	9268 - 14221: 48 h Daphnia magna mg/L LC50 10800: 24 h Daphnia magna mg/L EC50 2: 48 h Daphnia magna mg/L EC50 Static
Propan-2-ol	1000: 96 h Desmodemus subspicatus mg/L EC50 1000: 72 h Desmodemus subspicatus mg/L EC50	9640: 96 h Pimephales promelas mg/L LC50 flow-through 11130: 96 h Pimephales promelas mg/L LC50 static 1400000: 96 h Lepomis macrochirus µg/L LC50	13299: 48 h Daphnia magna mg/L EC50

**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

No information available.

**Component Information:**

Chemical Name	Partition coefficient
Heptane (n-)	4.66
n-Butyl acetate	1.81
Dimethyl ether	-0.18
Ethanol	-0.32
Propan-2-ol	0.05

**12.4. Mobility in soil****Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

Not classified as PBT or vPvB.

**12.6. Other adverse effects**

No information available

**Endocrine Disruptor Information** None known.**Section 13: DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods****Waste from residues/unused products**

Hold hazardous waste produced by households until they are accepted for collection, disposal or recovery by an establishment or an undertaking which has obtained a permit or has been registered in accordance with Directive 2008/98/EC.

**Contaminated packaging**

Pressurized container: Do not pierce or burn, even after use. Dispose of empty containers and wastes safely.

**Waste codes / waste designations according to EWC / AVV**

16 05 04\*

**Other Information**

Waste codes should be assigned by the user based on the application for which the product

was used.

## Section 14: TRANSPORT INFORMATION

### IMDG

14.1 UN/ID no.	UN1950
14.2 Proper shipping name	Aerosols, 2.1 UN1950, LIMITED QUANTITY
14.3 Hazard Class	2.1
14.4 Packing Group	
14.5 Marine pollutant	
Environmental hazard	
14.6 Special Provisions	
EmS-No.	F-G, S-U
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	

### RID

14.1 UN/ID no.	
14.2 Proper shipping name	See IMDG
14.3 Hazard Class	
14.4 Packing Group	
14.5 Environmental hazard	
14.6 Special Provisions	

### ADR

14.1 UN/ID no.	
14.2 Proper shipping name	See IMDG
14.3 Hazard Class	
14.4 Packing Group	
14.5 Environmental hazard	
14.6 Special Provisions	

### IATA

14.1 UN/ID no.	ID8000
14.2 Proper shipping name	Consumer Commodity, 9, ID8000
14.3 Hazard Class	9
14.4 Packing Group	
14.5 Environmental hazard	
14.6 Special Provisions	
ERG Code	9L

## Section 15: REGULATORY INFORMATION

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

#### France

#### Occupational Illnesses (R-463-3, France)

Chemical Name	French RG number	Title
Heptane (n-) 142-82-5	RG 84	-
n-Butyl acetate 123-86-4	RG 84	-
Ethanol 64-17-5	RG 84	-
Propan-2-ol 67-63-0	RG 84	-

**Water hazard class (WGK)**

Water endangering class = 2 (self estimation)

## European Union

### Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

### Persistent Organic Pollutants

Not applicable

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009** Not applicable

### International Inventories

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

## 15.2. Chemical safety assessment

No information available

## Section 16: OTHER INFORMATION

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of H-Statements referred to under section 3

H315 - Causes skin irritation

H336 - May cause drowsiness or dizziness

H304 - May be fatal if swallowed and enters airways

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H225 - Highly flammable liquid and vapor

EUH066 - Repeated exposure may cause skin dryness or cracking

H226 - Flammable liquid and vapor

H220 - Extremely flammable gas

H280 - Contains gas under pressure; may explode if heated

H319 - Causes serious eye irritation

#### Legend

SVHC: Substances of Very High Concern for Authorization:

#### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average)  
Ceiling Maximum limit value

STEL  
\*

STEL (Short Term Exposure Limit)  
Skin designation

SAILKOTE AEROSOL

Version 15.21

Revision Date 2016 05 11

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**Issue Date** 1992 11 01**Revision Date** 2016 05 11**Revision Note**

1992 11 01: Initial release.  
1994 12 01: Modified to update component information.  
1997 10 01: Modified to update component information.  
1998 12 01: Modified to update component information.  
1999 02 01: Modified to update component information.  
2000 03 01: Modified to update component information.  
2002 10 01: Modified to update transportation information.  
2003 04 01: Modified to update health hazard information.  
2006 04 04: Modified to conform to 16 part format of ANSI Standard Z400.1-2004.  
2007 04 04: Modified to correct environmental and ecological hazards identifications.  
2008 07 02: Modified to update regulatory information.  
2013 03 16: Modified to update expiring issue date.  
2015 06 12: Modified to conform to 29 CFR 1910 (OSHA HCS).  
2015 06 12: Modified to conform to Regulation (EC) No. 1272/2008.  
2016 05 11: Modified to update component information.

**This safety data sheet complies with the requirements of:** Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text. Do not handle until all safety precautions have been read and understood.

End of Safety Data Sheet