



# SAFETY DATA SHEET

This safety data sheet complies with the requirements of: (CLP) Regulation (EC 1272/2008)

Revision Date 28-Mar-2019

Version 3

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

### 1.1. Product identifier

Product Code 81849  
Product Name 79DA RUST TREATMENT 10.25OZ AE

Contains FORMIC ACID, 2-BUTOXYETHANOL, WATER, BUTANE

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

Recommended Use Rust preventative  
Uses advised against No information available

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

#### Manufacturer

ITW Permatex  
6875 Parkland Blvd.  
Solon, Ohio 44139 USA  
Telephone: 1-87-Permatex  
(866) 732-9502

#### E-mail address:

mail@permatex.com

### 1.4. Emergency telephone number

24-hour emergency phone number - 800-255-3924 (00+ 1+ 813-248-0585) ChemTel

## SECTION 2: HAZARDS IDENTIFICATION:

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Acute toxicity - Oral	Category 4 - (H302)
Acute toxicity - Inhalation (Dusts/Mists)	Category 4 - (H332)
Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Specific target organ toxicity (single exposure)	Category 3 - (H335,H336)
Aerosols	Category 1 - (H222)

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

Full text of R-phrases: see section 16

### 2.2. Label elements

Contains FORMIC ACID, 2-BUTOXYETHANOL, WATER, BUTANE

**Signal word**

Danger

**Statements of hazard**

H302 - Harmful if swallowed  
 H315 - Causes skin irritation  
 H319 - Causes serious eye irritation  
 H332 - Harmful if inhaled  
 H335 - May cause respiratory irritation  
 H336 - May cause drowsiness or dizziness  
 H222 - Extremely flammable aerosol

**Precautionary Statements**

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 dust/fume/gas/mist/vapors/spray  
 P264 - Wash face, hands and any exposed skin thoroughly after handling  
 P270 - Do not eat, drink or smoke when using this product  
 P271 - Use only outdoors or in a well-ventilated area  
 P280 - Wear protective gloves and eye/face protection  
 P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
 P330 - Rinse mouth  
 P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell  
 P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower  
 P332 + P313 - If skin irritation occurs: Get medical advice/attention  
 P362 - Take off contaminated clothing and wash before reuse  
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P337 + P313 - If eye irritation persists: Get medical advice/attention  
 P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish  
 P405 - Store locked up  
 P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**Other Information**

• The classification as a carcinogen or mutagen need not apply since it can be shown that the substance contains less than 0.1 % w/w 1,3-butadiene (EINECS No. 203-450-8)

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS****Mixtures**

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
ACETONE	200-662-2	67-64-1	30 - 60	Eye Irrit. 2 (H319) (EUH066) STOT SE 3 (H336) Flam. Liq. 2 (H225)	01-2119471330-49-XXXX
BUTANE	203-448-7	106-97-8	15 - 40	Carc. 1A (H350) Muta. 1B (H340) Flam. Gas 1 (H220)	Exempt - Volume

2-BUTOXYETHANOL	203-905-0	111-76-2	10 - 30	Press. Gas Acute Tox. 4 (H302) Acute Tox. 4 (H312) Acute Tox. 4 (H332) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)	Exempt - Volume
PROPANE	200-827-9	74-98-6	3 - 7	Flam. Gas 1 (H220) Press. Gas	Exempt - Annex V
FORMIC ACID	200-579-1	64-18-6	1 - 5	Skin Corr. 1A (H314)	Exempt - Volume

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

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>General advice</b>	Get medical advice/attention if you feel unwell.
<b>Inhalation</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.
<b>Skin contact</b>	IF ON SKIN: Wash with soap and water. If symptoms persist, call a physician. Wash contaminated clothing before reuse.
<b>Eye contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Ingestion</b>	IF SWALLOWED: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.
<b>Self-protection of the first aider</b>	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

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

**Symptoms** See section 2 for more information

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

**Note to physicians** Treat symptomatically.

## Section 5: FIRE FIGHTING MEASURES

### 5.1. Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

#### Unsuitable extinguishing media

No information available

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

Extremely flammable. Heating causes rise in pressure with risk of bursting. Vapors may travel to source of ignition and flash back.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

## Section 6: ACCIDENTAL RELEASE MEASURES

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

#### **Personal precautions**

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash thoroughly after handling.

Ventilate the area.

#### **For emergency responders**

Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system.

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

#### **Methods for containment**

Prevent further leakage or spillage if safe to do so.

#### **Methods for cleaning up**

Eliminate all ignition sources if safe to do so. Ensure adequate ventilation. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

### 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**

Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Use personal protective equipment as required. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Contents under pressure. Do not puncture or incinerate cans.

#### **General Hygiene Considerations**

Do not eat, drink or smoke when using this product. Take off all contaminated clothing and wash it before reuse. Wash hands and face thoroughly after handling.

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

#### **Storage Conditions**

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store locked up.

#### **Incompatible materials**

Strong oxidizing agents, Acids, Alkalis, Chlorinated compounds

### 7.3. Specific end use(s)

#### **Specific use(s)**

Automotive Care Product.

#### **Risk Management Methods (RMM)**

The information required is contained in this Safety Data Sheet.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1. Control parameters**

Chemical Name	European Union	United Kingdom	France	Spain	Germany
ACETONE 67-64-1	TWA 500 ppm TWA 1210 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup> STEL: 1500 ppm STEL: 3620 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup> STEL: 1000 ppm STEL: 2420 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1200 mg/m <sup>3</sup>
BUTANE 106-97-8	-	TWA: 600 ppm TWA: 1450 mg/m <sup>3</sup> STEL: 750 ppm STEL: 1810 mg/m <sup>3</sup>	TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup>	TWA: 1000 ppm	TWA: 1000 ppm TWA: 2400 mg/m <sup>3</sup>
2-BUTOXYETHANOL 111-76-2	TWA 20 ppm TWA 98 mg/m <sup>3</sup> STEL 50 ppm STEL 246 mg/m <sup>3</sup> *	TWA: 25 ppm TWA: 123 mg/m <sup>3</sup> STEL: 50 ppm STEL: 246 mg/m <sup>3</sup> Sk*	TWA: 10 ppm TWA: 49 mg/m <sup>3</sup> STEL: 50 ppm STEL: 246 mg/m <sup>3</sup> *	TWA: 20 ppm TWA: 98 mg/m <sup>3</sup> STEL: 50 ppm STEL: 245 mg/m <sup>3</sup> via dérmica*	TWA: 10 ppm TWA: 49 mg/m <sup>3</sup> H*
PROPANE 74-98-6	-	-	-	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>
FORMIC ACID 64-18-6	TWA: 5 ppm TWA: 9 mg/m <sup>3</sup>	TWA: 5 ppm TWA: 9.6 mg/m <sup>3</sup> STEL: 15 ppm STEL: 28.8 mg/m <sup>3</sup>	TWA: 5 ppm TWA: 9 mg/m <sup>3</sup>	TWA: 5 ppm TWA: 9 mg/m <sup>3</sup>	TWA: 5 ppm TWA: 9.5 mg/m <sup>3</sup>
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
ACETONE 67-64-1	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup> STEL: 750 ppm	TWA: 1210 mg/m <sup>3</sup> STEL: 2420 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1200 mg/m <sup>3</sup> STEL: 630 ppm STEL: 1500 mg/m <sup>3</sup>	TWA: 250 ppm TWA: 600 mg/m <sup>3</sup>
BUTANE 106-97-8	-	TWA: 1000 ppm	-	TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup> STEL: 1000 ppm STEL: 2400 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1200 mg/m <sup>3</sup>
2-BUTOXYETHANOL 111-76-2	TWA: 20 ppm TWA: 98 mg/m <sup>3</sup> STEL: 50 ppm STEL: 246 mg/m <sup>3</sup> pelle*	TWA: 20 ppm TWA: 98 mg/m <sup>3</sup> STEL: 50 ppm STEL: 246 mg/m <sup>3</sup> P*	TWA: 100 mg/m <sup>3</sup> STEL: 246 mg/m <sup>3</sup> H*	TWA: 20 ppm TWA: 98 mg/m <sup>3</sup> STEL: 50 ppm STEL: 250 mg/m <sup>3</sup> iho*	TWA: 20 ppm TWA: 98 mg/m <sup>3</sup> H*
PROPANE 74-98-6	-	TWA: 1000 ppm	-	TWA: 800 ppm TWA: 1500 mg/m <sup>3</sup> STEL: 1100 ppm STEL: 2000 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>
FORMIC ACID 64-18-6	TWA: 5 ppm TWA: 9 mg/m <sup>3</sup>	TWA: 5 ppm TWA: 9 mg/m <sup>3</sup> STEL: 10 ppm	STEL: 5 mg/m <sup>3</sup>	TWA: 3 ppm TWA: 5 mg/m <sup>3</sup> STEL: 10 ppm STEL: 19 mg/m <sup>3</sup>	TWA: 5 ppm TWA: 9 mg/m <sup>3</sup>
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
ACETONE 67-64-1	TWA: 500 ppm TWA: 1200 mg/m <sup>3</sup> STEL 2000 ppm STEL 4800 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1200 mg/m <sup>3</sup> STEL: 1000 ppm STEL: 2400 mg/m <sup>3</sup>	STEL: 1800 mg/m <sup>3</sup> TWA: 600 mg/m <sup>3</sup>	TWA: 125 ppm TWA: 295 mg/m <sup>3</sup> STEL: 156.25 ppm STEL: 368.75 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup> STEL: 1500 ppm STEL: 3630 mg/m <sup>3</sup>
BUTANE 106-97-8	TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup> STEL 1600 ppm STEL 3800 mg/m <sup>3</sup>	TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup> STEL: 3200 ppm STEL: 7600 mg/m <sup>3</sup>	STEL: 3000 mg/m <sup>3</sup> TWA: 1900 mg/m <sup>3</sup>	TWA: 250 ppm TWA: 600 mg/m <sup>3</sup> TWA: 40 ppm TWA: 275 mg/m <sup>3</sup> STEL: 312.5 ppm STEL: 750 mg/m <sup>3</sup> STEL: 60 ppm STEL: 343.75 mg/m <sup>3</sup>	TWA: 1000 ppm STEL: 3000 ppm
2-BUTOXYETHANOL 111-76-2	TWA: 20 ppm TWA: 98 mg/m <sup>3</sup> STEL 40 ppm STEL 200 mg/m <sup>3</sup> H*	TWA: 10 ppm TWA: 49 mg/m <sup>3</sup> STEL: 20 ppm STEL: 98 mg/m <sup>3</sup> H*	STEL: 200 mg/m <sup>3</sup> TWA: 98 mg/m <sup>3</sup>	TWA: 10 ppm TWA: 50 mg/m <sup>3</sup> STEL: 15 ppm STEL: 75 mg/m <sup>3</sup> H*	TWA: 20 ppm TWA: 98 mg/m <sup>3</sup> STEL: 50 ppm STEL: 246 mg/m <sup>3</sup> Sk*
PROPANE 74-98-6	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup> STEL 2000 ppm STEL 3600 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup> STEL: 4000 ppm STEL: 7200 mg/m <sup>3</sup>	TWA: 1800 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 900 mg/m <sup>3</sup> TWA: 40 ppm TWA: 275 mg/m <sup>3</sup> STEL: 625 ppm STEL: 1125 mg/m <sup>3</sup>	STEL: 3000 ppm

				STEL: 60 ppm STEL: 343.75 mg/m <sup>3</sup>	
FORMIC ACID 64-18-6	TWA: 5 ppm TWA: 9 mg/m <sup>3</sup> STEL 5 ppm STEL 9 mg/m <sup>3</sup> Ceiling 5 ppm Ceiling 9 mg/m <sup>3</sup>	TWA: 5 ppm TWA: 9.5 mg/m <sup>3</sup> STEL: 10 ppm STEL: 19 mg/m <sup>3</sup>	STEL: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	TWA: 5 ppm TWA: 9 mg/m <sup>3</sup> STEL: 10 ppm STEL: 18 mg/m <sup>3</sup>	TWA: 5 ppm TWA: 9 mg/m <sup>3</sup> STEL: 15 ppm STEL: 27 mg/m <sup>3</sup>

Chemical Name	European Union	United Kingdom	France	Spain	Germany
ACETONE 67-64-1	-	-	-	50	80 mg/L
2-BUTOXYETHANOL 111-76-2	-	240	-	200	150 mg/L
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
ACETONE 67-64-1	-	80	-	-	-
2-BUTOXYETHANOL 111-76-2	-	150	-	-	-

**Derived No Effect Level (DNEL)** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

## 8.2. Exposure controls

**Engineering Controls** Use exhaust ventilation to keep airborne concentrations below exposure limits.

### Personal protective equipment

#### Eye/face protection

Wear safety glasses with side shields (or goggles).

#### Skin and body protection

Suitable protective clothing. Gloves made of plastic or rubber.

#### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.

**Environmental exposure controls** Local authorities should be advised if significant spillages cannot be contained.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Physical state</b>	Liquid
<b>Appearance</b>	Gray
<b>Odor</b>	Acidic
<b>Odor threshold</b>	No information available

Property	Values
pH	No information available
Melting point / freezing point	No information available
Boiling point / boiling range	61 °C / 142 °F
Flash point	-104 °C / -156 °F
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit:	12.8%
Lower flammability limit:	2.6%
Vapor pressure	48 psig @ 20°C (68°F)
Vapor density	No information available
Relative density	0.739
Water solubility	Soluble in water
Solubility(ies)	No information available
Partition coefficient	No information available
Autoignition temperature	417.19°C (782.94°F)

### Remarks • Method

Gives a flame projection at full valve opening or flashback at any degree of valve opening

<b>Decomposition temperature</b>	No information available
<b>Kinematic viscosity</b>	No information available
<b>Dynamic viscosity</b>	No information available
<b>Explosive properties</b>	No information available
<b>Oxidizing properties</b>	No information available

**9.2. Other information**

<b>Softening point</b>	No information available
<b>Molecular weight</b>	No information available
<b>VOC Content (%)</b>	33.1%
<b>Density</b>	No information available
<b>Bulk density</b>	No information available

## Section 10: STABILITY AND REACTIVITY

**10.1. Reactivity**

Not applicable

**10.2. Chemical stability**

Stable under normal conditions.

Explosion data

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

**10.3. Possibility of hazardous reactions**

None under normal processing.

**10.4. Conditions to avoid**

Heat, flames and sparks.

**10.5. Incompatible materials**

Strong oxidizing agents  
Acids  
Alkalis  
Chlorinated compounds

**10.6. Hazardous decomposition products**

Carbon oxides  
Aldehydes  
Ketones and their derivatives

## Section 11: TOXICOLOGICAL INFORMATION

**11.1. Information on toxicological effects****Product Information**

<b>Inhalation</b>	Harmful by inhalation. May cause drowsiness or dizziness.
<b>Eye contact</b>	Irritating to eyes. May cause redness and tearing of the eyes.
<b>Skin contact</b>	May cause skin irritation and/or dermatitis. Prolonged contact may cause redness and irritation.
<b>Ingestion</b>	Harmful if swallowed.

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

ATEmix (oral) 1,727.60 mg/kg  
 ATEmix (dermal) 4,223.90 mg/kg  
 ATEmix (inhalation-dust/mist) 2.39 mg/l

**Unknown acute toxicity**

92.33 % of the mixture consists of ingredient(s) of unknown toxicity.  
 37.63 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.  
 39.33 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.  
 56.33 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).  
 92.33 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).  
 79.33 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
ACETONE	= 5800 mg/kg ( Rat )	> 15700 mg/kg ( Rabbit )	= 50100 mg/m <sup>3</sup> ( Rat ) 8 h
BUTANE			= 658 g/m <sup>3</sup> ( Rat ) 4 h
PROPANE			> 800000 ppm ( Rat ) 15 min
FORMIC ACID	= 1100 mg/kg ( Rat )		= 15 g/m <sup>3</sup> ( Rat ) 15 min

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** No information available.

**Sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

Chemical Name	European Union
BUTANE	Carc. 1A

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Target Organ Effects** Blood, Central nervous system, Eyes, Hematopoietic System, kidney, Liver, Respiratory system, Skin.

**Aspiration hazard:** No information available.

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Chemical Name	Algae/aquatic plants	Fish	Crustacea
ACETONE	-	8300: 96 h Lepomis macrochirus mg/L LC50 6210 - 8120: 96 h Pimephales promelas mg/L LC50 static 4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50	10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50
2-BUTOXYETHANOL	-	1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50	1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50
FORMIC ACID	25: 96 h Desmodesmus subspicatus mg/L EC50 26.9: 72 h Desmodesmus subspicatus mg/L EC50	175: 24 h Lepomis macrochirus mg/L LC50 static	138 - 165.6: 48 h Daphnia magna mg/L EC50 Static 120: 48 h Daphnia magna mg/L EC50



**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

No information available.

Chemical Name	Partition coefficient
ACETONE	-0.24
BUTANE	2.89
2-BUTOXYETHANOL	0.81
PROPANE	2.3
FORMIC ACID	-0.54

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

No information available.

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

No information available.

**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** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

**Waste codes / waste designations according to EWC / AVV** No Data Available

**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** 1950  
**14.2 Proper shipping name:** Aerosols, Limited Quantity (LQ)  
**14.3 Hazard Class** 2.1  
**14.4 Packing Group** None  
**14.5 Environmental hazard** Not applicable  
**14.6 Special Provisions** No information available  
**14.7 EmS-No** F-D, S-U

**RID**

**14.1 UN/ID No** 1950  
**14.2 Proper shipping name:** Aerosols, Limited Quantity (LQ)  
**14.3 Hazard Class** 2.1  
**14.4 Packing Group** None  
**14.5 Environmental hazard** Not applicable  
**14.6 Special Provisions** No information available  
**14.7 Classification code** 5F

**ADR**

**14.1 UN/ID No** 1950  
**14.2 Proper shipping name:** Aerosols, Limited Quantity (LQ)  
**14.3 Hazard Class** 2.1  
**14.4 Packing Group** None  
**14.5 Environmental hazard** Not applicable  
**14.6 Special Provisions** No information available  
**14.7 Classification code** 5F

**IATA**

**14.1 UN/ID No** ID 8000  
**14.2 Proper shipping name:** Consumer commodity  
**14.3 Hazard Class** 9  
**14.4 Packing Group** None  
**14.5 Environmental hazard** Not applicable  
**14.6 Special Provisions** No information available  
**14.7 ERG Code** 9L

## Section 15: REGULATORY INFORMATION

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

Chemical Name	French RG number	Title
ACETONE 67-64-1	RG 84	-
2-BUTOXYETHANOL 111-76-2	RG 84	-

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

**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)

Chemical Name	Restricted substance per REACH Annex XVII	Substance subject to authorization per REACH Annex XIV
BUTANE - 106-97-8	Use restricted. See item 28. Use restricted. See item 29.	

**Persistent Organic Pollutants**

Not applicable

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

**International Inventories**

**TSCA** Complies  
**DSL/NDL** Complies

<b>EINECS/ELINCS</b>	Not determined
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Not determined

**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**

EUH066 - Repeated exposure may cause skin dryness or cracking  
H220 - Extremely flammable gas  
H225 - Highly flammable liquid and vapor  
H302 - Harmful if swallowed  
H312 - Harmful in contact with skin  
H314 - Causes severe skin burns and eye damage  
H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H332 - Harmful if inhaled  
H336 - May cause drowsiness or dizziness  
H340 - May cause genetic defects  
H350 - May cause cancer

**Legend**

SVHC: Substances of Very High Concern for Authorization:

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

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

**Revision Date** 28-Mar-2019

**Revision Note** Not applicable.

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

End of Safety Data Sheet