



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** Heavy Duty Red Degreaser

**Other means of identification**

**Product Code** 1081

**Recommended use** Vehicle Wash

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

**Manufacturer**

**Company name** Malco Products, Inc.

**Address** 361 Fairview Ave  
Barberton, OH 44203  
United States

**Telephone** **Phone** 800-253-2526  
**Fax** 330-753-2025

**Website** www.malcopro.com

**E-mail** msdsinfo@malcopro.com

**Contact person** Technical Department

**Emergency phone number** **Phone** 1-800-424-9300

## 2. Hazard(s) identification

**Physical hazards** Not classified.

**Health hazards** Acute toxicity, oral Category 4  
Skin corrosion/irritation Category 1

**Environmental hazards** Not classified.

**OSHA defined hazards** Not classified.

**Label elements**



**Signal word** Danger

**Hazard statement** Harmful if swallowed. Causes severe skin burns and eye damage.

**Precautionary statement**

**Prevention** Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

**Response** If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Wash contaminated clothing before reuse.

**Storage** Store locked up.

**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information** 10.12% of the mixture consists of component(s) of unknown acute dermal toxicity. 8.28% of the mixture consists of component(s) of unknown acute inhalation toxicity. 16.88% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment.

## 3. Composition/information on ingredients

### Mixtures

| Chemical name   | Common name and synonyms | CAS number | %         |
|---|--------------------------|------------|-----------|
| Sodium Hydroxide  |                          | 1310-73-2  | 5 - < 10  |
| "Acetic Acid, Nitrilotri-, Trisodium Salt, Monohydrate"                 |                          | 18662-53-8 | 3 - < 5   |
| "Sulfonic Acids, C14-16-alkane Hydroxy And C14-16-alkene, Sodium Salts" |                          | 68439-57-6 | 3 - < 5   |
| 1-Methoxypropan-2-ol  |                          | 107-98-2   | 1 - < 3   |
| Ethylene Glycol Monobutylether  |                          | 111-76-2   | 1 - < 3   |
| Potassium Hydroxide Solution  |                          | 1310-58-3  | 1 - < 3   |
| Sodium Xylenesulphonate   |                          | 1300-72-7  | 1 - < 3   |
| Other components below reportable levels                                |                          |            | 70 - < 80 |

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

## 4. First-aid measures

|   |  |
|---|--|
| <b>Inhalation</b>   | Move to fresh air. Call a physician if symptoms develop or persist.  |
| <b>Skin contact</b>   | Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.   |
| <b>Eye contact</b>  | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.  |
| <b>Ingestion</b>  | Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.  |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.  |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed. |
| <b>General information</b>  | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.  |

## 5. Fire-fighting measures

|  |   |
|--|---|
| <b>Suitable extinguishing media</b>                                  | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).                      |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.                        |
| <b>Specific hazards arising from the chemical</b>                    | During fire, gases hazardous to health may be formed.   |
| <b>Special protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| <b>Fire fighting equipment/instructions</b>                          | Move containers from fire area if you can do so without risk.                                 |
| <b>Specific methods</b>  | Use standard firefighting procedures and consider the hazards of other involved materials.    |
| <b>General fire hazards</b>  | No unusual fire or explosion hazards noted.   |

## 6. Accidental release measures

|  |   |
|--|---|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.  |
| <b>Methods and materials for containment and cleaning up</b>               | <p>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.</p> |

**Environmental precautions**

Avoid discharge into drains, water courses or onto the ground.

**7. Handling and storage****Precautions for safe handling**

Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Avoid prolonged exposure. When using, do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities**

Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

**8. Exposure controls/personal protection****Occupational exposure limits**

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

| Components                                    | Type | Value             |
|---|------|-------------------|
| Ethylene Glycol Monobutylether (CAS 111-76-2) | PEL  | 240 mg/m3         |
| Sodium Hydroxide (CAS 1310-73-2)              | PEL  | 50 ppm<br>2 mg/m3 |

**US. ACGIH Threshold Limit Values**

| Components                                    | Type    | Value   |
|---|---------|---------|
| 1-Methoxypropan-2-ol (CAS 107-98-2)           | STEL    | 100 ppm |
| Ethylene Glycol Monobutylether (CAS 111-76-2) | TWA     | 50 ppm  |
| Potassium Hydroxide Solution (CAS 1310-58-3)  | TWA     | 20 ppm  |
| Sodium Hydroxide (CAS 1310-73-2)              | Ceiling | 2 mg/m3 |
|   | Ceiling | 2 mg/m3 |

**US. NIOSH: Pocket Guide to Chemical Hazards**

| Components                                    | Type    | Value                           |
|---|---------|---------------------------------|
| 1-Methoxypropan-2-ol (CAS 107-98-2)           | STEL    | 540 mg/m3                       |
|   | TWA     | 150 ppm<br>360 mg/m3<br>100 ppm |
| Ethylene Glycol Monobutylether (CAS 111-76-2) | TWA     | 24 mg/m3                        |
| Potassium Hydroxide Solution (CAS 1310-58-3)  | Ceiling | 5 ppm<br>2 mg/m3                |
| Sodium Hydroxide (CAS 1310-73-2)              | Ceiling | 2 mg/m3                         |

**Biological limit values****ACGIH Biological Exposure Indices**

| Components                                    | Value    | Determinant                              | Specimen            | Sampling Time |
|---|----------|--|---------------------|---------------|
| Ethylene Glycol Monobutylether (CAS 111-76-2) | 200 mg/g | Butoxyacetic acid (BAA), with hydrolysis | Creatinine in urine | *             |

\* - For sampling details, please see the source document.

**Exposure guidelines****US - California OELs: Skin designation**

|   |                                   |
|---|-----------------------------------|
| 1-Methoxypropan-2-ol (CAS 107-98-2)           | Can be absorbed through the skin. |
| Ethylene Glycol Monobutylether (CAS 111-76-2) | Can be absorbed through the skin. |

**US - Minnesota Haz Subs: Skin designation applies**

Ethylene Glycol Monobutylether (CAS 111-76-2) Skin designation applies.

**US - Tennessee OELs: Skin designation**

Ethylene Glycol Monobutylether (CAS 111-76-2) Can be absorbed through the skin.

**US NIOSH Pocket Guide to Chemical Hazards: Skin designation**

Ethylene Glycol Monobutylether (CAS 111-76-2) Can be absorbed through the skin.

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Ethylene Glycol Monobutylether (CAS 111-76-2) Can be absorbed through the skin.

**Appropriate engineering controls** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles) and a face shield. Face shield is recommended.

**Skin protection**

**Hand protection** Wear appropriate chemical resistant gloves.

**Other** Wear appropriate chemical resistant clothing.

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations** Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**9. Physical and chemical properties**

**Appearance** Clear.

**Physical state** Liquid.

**Form** Liquid.

**Color** Red.

**Odor** None.

**Odor threshold** Not available.

**pH** 13.5

**Melting point/freezing point** 334.61 °F (168.12 °C) estimated

**Initial boiling point and boiling range** 1624.81 °F (884.9 °C) estimated

**Flash point** > 200.0 °F (> 93.3 °C)

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not applicable.

**Upper/lower flammability or explosive limits**

**Flammability limit - lower (%)** Not available.

**Flammability limit - upper (%)** Not available.

**Explosive limit - lower (%)** Not available.

**Explosive limit - upper (%)** Not available.

**Vapor pressure** 0.52 hPa estimated

**Vapor density** Not available.

**Relative density** Not available.

**Solubility(ies)**

**Solubility (water)** Not available.

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** Not available.

|  |                                |
|--|--------------------------------|
| <b>Decomposition temperature</b>       | Not available.                 |
| <b>Viscosity</b>                       | 5 cP                           |
| <b>Viscosity temperature</b>           | 68 °F (20 °C)                  |
| <b>Other information</b>               |                                |
| <b>Density</b>                         | 9.30 lbs/gal                   |
| <b>Explosive properties</b>            | Not explosive.                 |
| <b>Flammability class</b>              | Combustible IIIB estimated     |
| <b>Kinematic viscosity</b>             | 4.482 cSt                      |
| <b>Kinematic viscosity temperature</b> | 68 °F (20 °C)                  |
| <b>Oxidizing properties</b>            | Not oxidizing.                 |
| <b>VOC</b>                             | 5.62 % w/w By Weight Undiluted |

## 10. Stability and reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | Reacts violently with strong acids. This product may react with oxidizing agents.                                   |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.   |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerization does not occur.  |
| <b>Conditions to avoid</b>                | Avoid temperatures exceeding the flash point. Contact with incompatible materials. Do not mix with other chemicals. |
| <b>Incompatible materials</b>             | Strong acids. Oxidizing agents.   |
| <b>Hazardous decomposition products</b>   | No hazardous decomposition products are known.  |

## 11. Toxicological information

### Information on likely routes of exposure

**Inhalation** May cause irritation to the respiratory system. Prolonged inhalation may be harmful.

**Skin contact** Causes severe skin burns.

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

**Eye contact** Causes serious eye damage.

**Ingestion** Causes digestive tract burns. Harmful if swallowed.

**Symptoms related to the physical, chemical and toxicological characteristics** Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

### Information on toxicological effects

**Acute toxicity** Harmful if swallowed.

| <b>Components</b>                             | <b>Species</b>                           | <b>Test Results</b> |
|---|--|---------------------|
| Ethylene Glycol Monobutylether (CAS 111-76-2) |  |                     |
| <b><u>Acute</u></b>                           |  |                     |
| <b>Dermal</b>                                 |  |                     |
| LD50  | Rabbit                                   | 400 mg/kg           |
| <b>Oral</b>                                   |  |                     |
| LD50  | Rat                                      | 560 mg/kg           |
| Potassium Hydroxide Solution (CAS 1310-58-3)  |  |                     |
| <b><u>Acute</u></b>                           |  |                     |
| <b>Oral</b>                                   |  |                     |
| LD50  | Rat                                      | 273 mg/kg           |
| <b>Skin corrosion/irritation</b>              | Causes severe skin burns and eye damage. |                     |
| <b>Serious eye damage/eye irritation</b>      | Causes serious eye damage.               |                     |

## Respiratory or skin sensitization

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** Not classifiable as to carcinogenicity to humans.

### IARC Monographs. Overall Evaluation of Carcinogenicity

Ethylene Glycol Monobutylether (CAS 111-76-2) 3 Not classifiable as to carcinogenicity to humans.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

### US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not an aspiration hazard.

**Chronic effects** May be harmful if absorbed through skin. Prolonged inhalation may be harmful.

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

| Components   | Species |   | Test Results               |
|--|---------|---|----------------------------|
| "Sulfonic Acids, C14-16-alkane Hydroxy And C14-16-alkene, Sodium Salts" (CAS 68439-57-6) |         |   |                            |
| Aquatic  |         |   |                            |
| Crustacea  | EC50    | Water flea (Ceriodaphnia dubia)         | 4.14 - 4.95 mg/l, 48 hours |
| Ethylene Glycol Monobutylether (CAS 111-76-2)  |         |   |                            |
| Aquatic  |         |   |                            |
| Fish   | LC50    | Inland silverside (Menidia beryllina)   | 1250 mg/l, 96 hours        |
| Potassium Hydroxide Solution (CAS 1310-58-3)   |         |   |                            |
| Aquatic  |         |   |                            |
| Fish   | LC50    | Western mosquitofish (Gambusia affinis) | 80 mg/l, 96 hours          |
| Sodium Hydroxide (CAS 1310-73-2)   |         |   |                            |
| Aquatic  |         |   |                            |
| Fish   | LC50    | Western mosquitofish (Gambusia affinis) | 125 mg/l, 96 hours         |

**Persistence and degradability** No data is available on the degradability of this product.

### Bioaccumulative potential

#### Partition coefficient n-octanol / water (log Kow)

Ethylene Glycol Monobutylether 0.83

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products**

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging**

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

### DOT

|                              |  |
|------------------------------|--|
| UN number                    | UN3266   |
| UN proper shipping name      | Corrosive Liquid,Basic,Inorganic,N.O.S (Potassium Hydroxide Solution and Sodium Hydroxide) |
| Transport hazard class(es)   |  |
| Class                        | 8  |
| Subsidiary risk              | -  |
| Label(s)                     | 8  |
| Packing group                | II   |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling.                    |
| Special provisions           | B2, IB2, T11, TP2, TP27  |
| Packaging exceptions         | 154  |
| Packaging non bulk           | 202  |
| Packaging bulk               | 242  |

### IATA

|                              |   |
|------------------------------|---|
| UN number                    | UN3266  |
| UN proper shipping name      | Corrosive Liquid,Basic,Inorganic,N.O.S                                  |
| Transport hazard class(es)   |   |
| Class                        | 8   |
| Subsidiary risk              | -   |
| Packing group                | II  |
| Environmental hazards        | No.   |
| ERG Code                     | 8L  |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Other information            |   |
| Passenger and cargo aircraft | Allowed with restrictions.  |
| Cargo aircraft only          | Allowed with restrictions.  |

### IMDG

|  |   |
|--|---|
| UN number  | UN3266  |
| UN proper shipping name  | Corrosive Liquid,Basic,Inorganic,N.O.S                                  |
| Transport hazard class(es)   |   |
| Class  | 8   |
| Subsidiary risk  | -   |
| Packing group  | II  |
| Environmental hazards  |   |
| Marine pollutant   | No.   |
| EmS  | F-A, S-B  |
| Special precautions for user   | Read safety instructions, SDS and emergency procedures before handling. |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not established.  |

### DOT





## 15. Regulatory information

### US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

Potassium Hydroxide Solution (CAS 1310-58-3) Listed.

Sodium Hydroxide (CAS 1310-73-2) Listed.

#### SARA 304 Emergency release notification

Not regulated.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### SARA 302 Extremely hazardous substance

Not listed.

#### SARA 311/312 Hazardous chemical

Yes

##### Classified hazard categories

Acute toxicity (any route of exposure)

Skin corrosion or irritation

Serious eye damage or eye irritation

#### SARA 313 (TRI reporting)

Not regulated.

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

#### Safe Drinking Water Act (SDWA)

Not regulated.

### US state regulations

#### California Proposition 65



**WARNING:** This product can expose you to "Acetic Acid, Nitrilotri-, Trisodium Salt, Monohydrate", which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

#### California Proposition 65 - CRT: Listed date/Carcinogenic substance

"Acetic Acid, Nitrilotri-, Trisodium Salt, Monohydrate" Listed: April 1, 1989  
(CAS 18662-53-8)

#### US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

"Acetic Acid, Nitrilotri-, Trisodium Salt, Monohydrate" (CAS 18662-53-8)  
1-Methoxypropan-2-ol (CAS 107-98-2)  
Ethylene Glycol Monobutylether (CAS 111-76-2)  
Sodium Hydroxide (CAS 1310-73-2)

### International Inventories

| Country(s) or region | Inventory name                                     | On inventory (yes/no)* |
|----------------------|--|------------------------|
| Australia            | Australian Inventory of Chemical Substances (AICS) | No                     |



| Country(s) or region        | Inventory name   | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Canada                      | Domestic Substances List (DSL)   | No                     |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | No                     |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                     |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | No                     |
| Korea                       | Existing Chemicals List (ECL)  | No                     |
| New Zealand                 | New Zealand Inventory  | No                     |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | No                     |
| Taiwan                      | Taiwan Toxic Chemical Substances (TCS)                                 | No                     |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | No                     |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

**Issue date** 03-09-2018

**Revision date** 09-19-2018

**Version #** 02

**Disclaimer** Malco Products, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. 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 a 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. The information in the sheet was written based on the best knowledge and experience currently available.

**Revision information** Physical & Chemical Properties: Multiple Properties  
Other information, including date of preparation or last revision: Disclaimer