SECTION 1. IDENTIFICATION

Product name : METALURE L-63418

Product code : 053036IA0

Manufacturer or supplier's details
Company name of supplier : ECKART GmbH

Address : Guentersthal 4
           Hartenstein  91235

Telephone : +499152770

Telefax : +499152777008

Emergency telephone number : CHEMTREC: 800-424-9300
                              CHEMTREC: 1-703-527-3387 (International)

GBK Gefahrgut Buero GmbH, Ingelheim, Germany:
From outside US: (001) 352-323-3500
(First call in English, response in your language is possible)
US & Canada (toll free): 1-800-5355-053

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200
Flammable liquids : Category 3

GHS label elements
Hazard pictograms : 

Signal word : Warning

Hazard statements : H226 Flammable liquid and vapour.

Precautionary statements : 
Prevention:
   P210  Keep away from heat/sparks/open flames/hot
surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P280 Wear protective gloves/eye protection/face protection.

Response:
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:
P403 + P235 Store in a well-ventilated place. Keep cool.

Disposal:
P501 Dispose of contents/container to an approved waste disposal plant.

Other hazards
None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration (% w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanol, 1-methoxy-, 2-acetate</td>
<td>108-65-6</td>
<td>&gt;= 70 - &lt; 90</td>
</tr>
<tr>
<td>Aluminum</td>
<td>7429-90-5</td>
<td>&gt;= 10 - &lt; 20</td>
</tr>
<tr>
<td>2-Propanone</td>
<td>67-64-1</td>
<td>&gt;= 1 - &lt; 5</td>
</tr>
</tbody>
</table>

SECTION 4. FIRST AID MEASURES

General advice
Move the victim to fresh air.
Do not leave the victim unattended.
Move out of dangerous area.

If inhaled
If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of skin contact: Wash off immediately with soap and plenty of water.
If on skin, rinse well with water.
If on clothes, remove clothes.

In case of eye contact: Immediately flush eye(s) with plenty of water.
Flush eyes with water as a precaution.
Remove contact lenses.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

If swallowed: Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed: None known.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media: Dry sand
ABC powder
Foam

Unsuitable extinguishing media: High volume water jet

Specific hazards during firefighting: Do not allow run-off from fire fighting to enter drains or water courses.

Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
For safety reasons in case of fire, cans should be stored separately in closed containments.

Special protective equipment for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.
SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:
- Evacuate personnel to safe areas.
- Remove all sources of ignition.
- Evacuate personnel to safe areas.
- Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Environmental precautions:
- Prevent product from entering drains.
- Prevent further leakage or spillage if safe to do so.
- If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up:
- Use mechanical handling equipment.
- Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
- Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
- Do not flush with water.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion:
- Do not spray on a naked flame or any incandescent material.
- Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).
- Keep away from open flames, hot surfaces and sources of ignition.

Advice on safe handling:
- Avoid formation of aerosol.
- For personal protection see section 8.
- Smoking, eating and drinking should be prohibited in the application area.
- Take precautionary measures against static discharges.
- Provide sufficient air exchange and/or exhaust in work rooms.
- Open drum carefully as content may be under pressure.
- Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage:
- Earthing of containers and apparatuses is essential.
- Reaction with water liberates extremely flammable gas
SAFETY DATA SHEET
METALURE L-63418

Version 1.0  Revision Date: 03/21/2018  SDS Number: 102000000678  Date of last issue: -  Date of first issue: 03/21/2018

(hydrogen)
Take measures to prevent the build up of electrostatic charge. Use explosion-proof equipment. Store in original container. Keep containers tightly closed in a cool, well-ventilated place. Keep away from sources of ignition - No smoking. Keep container closed when not in use.

No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

Technical measures/Precautions: Protect from humidity and water.

Materials to avoid: Do not store near acids. Do not store together with oxidizing and self-igniting products. Never allow product to get in contact with water during storage. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Further information on storage stability: No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanol, 1-methoxy-, 2-acetate</td>
<td>108-65-6</td>
<td>TWA</td>
<td>50 ppm</td>
<td>US WEEL</td>
</tr>
<tr>
<td>Aluminum</td>
<td>7429-90-5</td>
<td>TWA (total dust)</td>
<td>50 Million particles per cubic foot</td>
<td>OSHA Z-3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (Respirable)</td>
<td>5 mg/m3</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td>Substance</td>
<td>TWA (total dust)</td>
<td>TWA (respirable fraction)</td>
<td>Source</td>
<td></td>
</tr>
<tr>
<td>---------------------------</td>
<td>------------------</td>
<td>---------------------------</td>
<td>-----------------</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15 mg/m³</td>
<td>5 mg/m³</td>
<td>OSHA Z-3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10 mg/m³</td>
<td></td>
<td>NIOSH REL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 mg/m³</td>
<td></td>
<td>OSHA Z-3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15 Million</td>
<td></td>
<td>OSHA Z-3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>particles per</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>cubic foot</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 mg/m³</td>
<td></td>
<td>ACGIH</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 mg/m³ (Aluminium)</td>
<td></td>
<td>NIOSH REL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 mg/m³ (Aluminium)</td>
<td></td>
<td>OSHA P0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 mg/m³ (Aluminium)</td>
<td></td>
<td>OSHA P0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15 mg/m³ (Aluminium)</td>
<td></td>
<td>OSHA Z-1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 mg/m³ (Aluminium)</td>
<td></td>
<td>OSHA Z-1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15 mg/m³ (Aluminium)</td>
<td></td>
<td>OSHA P0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 mg/m³ (Aluminium)</td>
<td></td>
<td>OSHA P0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 mg/m³ (Aluminium)</td>
<td></td>
<td>NIOSH REL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 mg/m³ (Aluminium)</td>
<td></td>
<td>NIOSH REL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 mg/m³ (Aluminium)</td>
<td></td>
<td>ACGIH</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 mg/m³ (Aluminium)</td>
<td></td>
<td>OSHA P0</td>
<td></td>
</tr>
<tr>
<td>2-Propanone</td>
<td>500 ppm</td>
<td></td>
<td>ACGIH</td>
<td></td>
</tr>
<tr>
<td>STEL</td>
<td>750 ppm</td>
<td></td>
<td>ACGIH</td>
<td></td>
</tr>
<tr>
<td>TWA</td>
<td>250 ppm</td>
<td></td>
<td>NIOSH REL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>590 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TWA</td>
<td>1,000 ppm</td>
<td></td>
<td>OSHA Z-1</td>
<td></td>
</tr>
<tr>
<td>Substance</td>
<td>TWA</td>
<td>STEL</td>
<td>Notes</td>
<td></td>
</tr>
<tr>
<td>---------------------------------</td>
<td>----------------</td>
<td>----------------</td>
<td>---------------------</td>
<td></td>
</tr>
<tr>
<td>2-Propanol, 1-methoxy-, 2-acetate</td>
<td>2,400 mg/m³</td>
<td>1,000 ppm</td>
<td>OSHA P0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>50 ppm</td>
<td>2,400 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aluminum</td>
<td>50 ppm</td>
<td>50 Million particles per cubic foot</td>
<td>OSHA Z-3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 mg/m³</td>
<td>15 mg/m³</td>
<td>OSHA Z-3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10 mg/m³</td>
<td>5 mg/m³</td>
<td>NIOSH REL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15 Million particles per cubic foot</td>
<td>OSHA Z-3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 mg/m³</td>
<td>ACGIH</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 mg/m³</td>
<td>15 mg/m³</td>
<td>OSHA P0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 mg/m³</td>
<td>5 mg/m³</td>
<td>OSHA P0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15 mg/m³</td>
<td>5 mg/m³</td>
<td>OSHA Z-1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15 mg/m³</td>
<td>5 mg/m³</td>
<td>OSHA Z-1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15 mg/m³</td>
<td>5 mg/m³</td>
<td>OSHA P0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 mg/m³</td>
<td>5 mg/m³</td>
<td>OSHA P0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 mg/m³</td>
<td>5 mg/m³</td>
<td>NIOSH REL</td>
<td></td>
</tr>
</tbody>
</table>
# SAFETY DATA SHEET

## METALURE L-63418

<table>
<thead>
<tr>
<th>Version</th>
<th>Revision Date:</th>
<th>SDS Number:</th>
<th>Date of last issue:</th>
<th>Date of first issue:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>03/21/2018</td>
<td>102000000678</td>
<td>-</td>
<td>03/21/2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Control parameters</th>
<th>Biological specimen</th>
<th>Sampling time</th>
<th>Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanone</td>
<td>67-64-1</td>
<td>Acetone</td>
<td>Urine</td>
<td>End of shift (As soon as possible after exposure ceases)</td>
<td>50 mg/l</td>
<td>ACGIH BEI</td>
</tr>
<tr>
<td>2-Propanone</td>
<td>67-64-1</td>
<td>Acetone</td>
<td>Urine</td>
<td>End of shift (As soon as possible after exposure ceases)</td>
<td>25 mg/l</td>
<td>ACGIH BEI</td>
</tr>
</tbody>
</table>

### Biological occupational exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Control parameters</th>
<th>Biological specimen</th>
<th>Sampling time</th>
<th>Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanone</td>
<td>67-64-1</td>
<td>Acetone</td>
<td>Urine</td>
<td>End of shift (As soon as possible after exposure ceases)</td>
<td>50 mg/l</td>
<td>ACGIH BEI</td>
</tr>
<tr>
<td>2-Propanone</td>
<td>67-64-1</td>
<td>Acetone</td>
<td>Urine</td>
<td>End of shift (As soon as possible after exposure ceases)</td>
<td>25 mg/l</td>
<td>ACGIH BEI</td>
</tr>
</tbody>
</table>

### Personal protective equipment

**Respiratory protection**: Use suitable breathing protection if workplace concentration requires.

**Hand protection**

**Material**: Solvent-resistant gloves (butyl-rubber)
Remarks : Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). The exact break through time can be obtained from the protective glove producer and this has to be observed. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Recommended preventive skin protection Skin should be washed after contact. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Goggles
Safety glasses

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid
Colour : silver
Odour : characteristic
Odour Threshold : No data available
pH : No data available
Melting point/freezing point : No data available
Boiling point/boiling range : 146 °C

Flash point : 46 °C

Evaporation rate : No data available
Flammability (solid, gas) : No data available
Upper explosion limit / Upper flammability limit : No data available
Lower explosion limit / Lower flammability limit : No data available
Vapour pressure : No data available
Relative density : No data available
Density : 1.13 g/cm³
Solubility(ies) : No data available
Partition coefficient: n-octanol/water : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.
Chemical stability : No decomposition if stored and applied as directed.
Possibility of hazardous reactions : Contact with acids and alkalis may release hydrogen. Stable under recommended storage conditions. Vapours may form explosive mixture with air.
Conditions to avoid : Do not allow evaporation to dryness.
Heat, flames and sparks.
Incompatible materials : Acids
Bases
Oxidizing agents

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity
Not classified based on available information.

Components:
2-Propanone:
Acute oral toxicity : LD50 (Rabbit): 4,700 - 5,800 mg/kg
(Mouse): 3,000 mg/kg
(Rat): 9,800 mg/kg
Acute inhalation toxicity : LC50 (Rat): 76 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg
Skin corrosion/irritation
Not classified based on available information.

Components:
2-Propanone:
Remarks: Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin.

Serious eye damage/eye irritation
Not classified based on available information.

Components:
2-Propanone:
Remarks: Severe eye irritation

Respiratory or skin sensitisation
Skin sensitisation
Not classified based on available information.

Respiratory sensitisation
Not classified based on available information.

Germ cell mutagenicity
Not classified based on available information.

Carcinogenicity
Not classified based on available information.

IARC
No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA
No component of this product present at levels greater than or equal to 0.1% is on OSHA’s list of regulated carcinogens.

NTP
No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity
Not classified based on available information.

STOT - single exposure
Not classified based on available information.
STOT - repeated exposure
Not classified based on available information.

Aspiration toxicity
Not classified based on available information.

Further information

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity
Components:

2-Propanone:
Toxicity to daphnia and other aquatic invertebrates: (Daphnia magna (Water flea)): 21,600 mg/l

Persistence and degradability
No data available

Bioaccumulative potential
No data available

Other adverse effects
No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods
Waste from residues: Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.
In accordance with local and national regulations.

Contaminated packaging: Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.
In accordance with local and national regulations.

SECTION 14. TRANSPORT INFORMATION

International Regulations
IATA-DGR
UN/ID No.: UN 1263
Proper shipping name: Paint
Class: 3
Packing group: III
Labels: Flammable Liquids
Packing instruction (cargo aircraft): 366
Packing instruction (passenger aircraft): 355

IMDG-Code
UN number: UN 1263
Proper shipping name: PAINT

Class: 3
Packing group: III
Labels: 3
EmS Code: F-E, S-E
Marine pollutant: no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

National Regulations

49 CFR
UN/ID/NA number: UN 1263
Proper shipping name: Paint

Class: 3
Packing group: III
Labels: FLAMMABLE LIQUID
ERG Code: 128
Marine pollutant: no

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Component RQ (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanone</td>
<td>67-64-1</td>
<td>5000</td>
</tr>
</tbody>
</table>

SARA 304 Extremely Hazardous Substances Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.
SARA 302 Extremely Hazardous Substances Threshold Planning Quantity
This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards: Flammable (gases, aerosols, liquids, or solids)

SARA 313: The following components are subject to reporting levels established by SARA Title III, Section 313:

<table>
<thead>
<tr>
<th>Substance</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum</td>
<td>7429-90-5</td>
</tr>
<tr>
<td>2-Propanone</td>
<td>67-64-1</td>
</tr>
</tbody>
</table>

Clean Air Act
This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).
The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489):

2-Propanone 67-64-1 3%

Clean Water Act
This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.
This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3.
This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations
Massachusetts Right To Know

<table>
<thead>
<tr>
<th>Substance</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum</td>
<td>7429-90-5</td>
</tr>
<tr>
<td>2-Propanone</td>
<td>67-64-1</td>
</tr>
</tbody>
</table>

Pennsylvania Right To Know

<table>
<thead>
<tr>
<th>Substance</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanol, 1-methoxy-, 2-acetate</td>
<td>108-65-6</td>
</tr>
<tr>
<td>Aluminum</td>
<td>7429-90-5</td>
</tr>
<tr>
<td>2-Propanone</td>
<td>67-64-1</td>
</tr>
</tbody>
</table>

California Prop. 65

---

SAFETY DATA SHEET
METALURE L-63418

Version 1.0  Revision Date: 03/21/2018  SDS Number: 102000000678  Date of last issue: -
Date of first issue: 03/21/2018
WARNING: This product can expose you to chemicals including lead and cadmium, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California List of Hazardous Substances
Aluminum 7429-90-5
2-Propanone 67-64-1

California Permissible Exposure Limits for Chemical Contaminants
2-Propanol, 1-methoxy-, 2-acetate 108-65-6
Aluminum 7429-90-5
2-Propanone 67-64-1

SECTION 16. OTHER INFORMATION
Full text of other abbreviations
ACGIH  : USA. ACGIH Threshold Limit Values (TLV)
ACGIH BEI  : ACGIH - Biological Exposure Indices (BEI)
NIOSH REL  : USA. NIOSH Recommended Exposure Limits
OSHA P0  : USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
OSHA Z-1  : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
OSHA Z-3  : USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts
US WEEL  : USA. Workplace Environmental Exposure Levels (WEEL)
ACGIH / TWA  : 8-hour, time-weighted average
ACGIH / STEL  : Short-term exposure limit
NIOSH REL / TWA  : Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
OSHA P0 / TWA  : 8-hour time weighted average
OSHA P0 / STEL  : Short-term exposure limit
OSHA Z-1 / TWA  : 8-hour time weighted average
OSHA Z-3 / TWA  : 8-hour time weighted average
US WEEL / TWA  : 8-hr TWA
AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation,
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.

US / EN