

DECLARATION OF ASSURANCE FOR HAZARDOUS SUBSTANCE USE IN DEPARTMENT OF AGRICULTURE  
EXPORT REGISTERED ESTABLISHMENTS

Vendor name: Wurth Australia Pty. Ltd.

Vendor Address: 2/1 Healey Road, Dandenong South, Vic.3175

Vendor telephone Number: 1300 657 765

Manufacturer of Hazardous Substance: Wurth Group

Name of Hazardous Substance: Food Safe Lubricating Oil

Category of Use: Lubricants for use in areas where incidental or no contact with edible product may occur.

Intended Use: Penetrating, transparent special lubricant designed for the food processing and beverage industry. For liquid lubrication of valve seals, collars, O-rings, and mechanisms in the food processing and beverage industry.

We, Wurth Australia, the vendor of the above hazardous substance declare the above hazardous substance is suitable for use in export registered meat or meat product establishments for the purposes stated in this application, that I have supplied a copy of the label and MSDS or SDS with this declaration and acknowledge that this declaration is subject to the following conditions:

This declaration is rendered invalid by:

1. Any change in the formulation of the following hazardous substance
2. Any change in the instructions for use in the following hazardous substance
3. Any incorrect and/or unintended use of the following hazardous substance.

Signature of vendor .....  ..... Date: 13.7.15

Declaration of qualified chemist

The hazardous substance identified above, when used in accordance with the directions on the label:

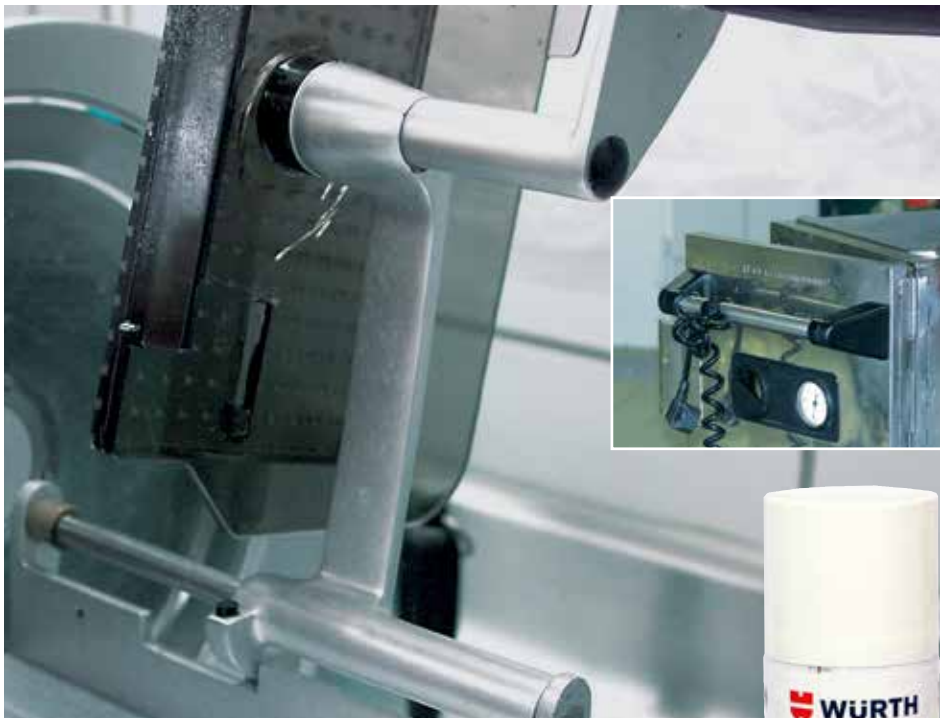
- is fit for the purpose for which they are to be used
- will not contaminate animals, meat and meat products

Printed name of qualified chemist: Dr. Klaus Weber

Qualifications of qualified chemist: Dr. rer.nat. Dipl. Chemist (PhD Chemist, head of lab)

Signature of qualified chemist: .....  ..... Date: 06.10.15

## FOOD SAFE LUBRICATING OIL



Contents	Art. No.	Pack Qty.
300 ml	<b>0893 107 1</b>	1/6



NSF H1 registered,  
(No: 126582)  
corresponds to the  
requirements of H1, 1998.



HACCP FZS Certified:  
PE-715-WA-01.



### Areas of application:

For liquid lubrication of valve seals, collars, O-rings, drives, piston rods and guides of slide gates, hinges and roller chains as well as mechanisms in the food processing and beverage industry. Lubrication of cutting blades in the paper industry as well as needles and plates of knitting machines. Many applications in the production, processing and packaging of food, pharmaceutical and cosmetic products. Sliding effect also remains in case of water exposed machinery and conveying equipment. Outstanding suitability as separating agent in the food processing and beverage industry.

### Instructions for use:

Clean and degrease parts to be lubricated. Spray on a thin coat of food safe lubricating oil.

### Lubrication system:

Oil     Grease     Paste     Dry Lubricant     Corrosion Protection

**Penetrating, transparent special lubricant designed for the food processing and beverage industry. In addition to pharmaceutical and medical applications.**

### Liquid, penetrating and transparent special lubricant.

- Outstanding lubricating properties in hard to reach places due to low viscosity.
- Excellent creep and cleaning effect guarantees best protection for water-exposed machinery and conveying equipment.
- Economical use.
- No visual impairment through occasional contact between lubricant and product.

### Neutral odour and taste.

**Temperature stable from -10 °C to 180 °C.**

### Good material tolerability.

Broad spectrum of uses on various surfaces, such as aluminium, stainless steel, mineral oil compatible synthetics, such as PP, PE, PS, nylon, polycarbonate glass, epoxy fibre glass laminate, sealing rings.

### Water-displacing.

### Best corrosion protection properties.

### Free from resins and acids.

### Resistant to ageing.

### Silicone and AOX free.

- May be used in close proximity to food stuffs. NSF<sup>1</sup> H1 registered (In this context, occasional contact with foodstuffs is possible).
- Non-irritating to skin and mucous membranes. Non-toxic.

### Specifications

Chemical Base	Technical White Oil According to DAB 10 <sup>2</sup>
Flame Point	200 °C
Density	0.86 g/ml (20 °C)
Viscosity	31 mm <sup>2</sup> /s (20 °C) 14 mm <sup>2</sup> /s (40 °C)
Colour	Transparent

This information is intended as a recommendation only, based on our experience. Preliminary tests are required.

<sup>1</sup> NSF = internationally-recognised organisation for the monitoring and registration of products for use in the foodstuffs industry

<sup>2</sup> DAB 10 = Deutsches Arzneibuch (German Drug Book), 10th edition

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**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****Product information**

Commercial Product Name : Food Safe Lubricating Oil (LMS220)

Product code : 0893 107 1  
MSDS-Identcode : 10033077  
Product Use Description : Anti-friction agent and lubricant, NSF Registered Product  
Company : Wurth Australia Pty Ltd  
2/1 Healey Road  
Dandenong South, Victoria, 3175  
Australia

Telephone : +61 3 8788 1111  
Responsible/issuing person : prodsafe@wuerth.com  
Emergency telephone : 1300 657 765  
number : Advisory office in case of poisoning - National Poisons Centre:  
131 126

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**2. HAZARDS IDENTIFICATION**

DANGEROUS GOODS. HAZARDOUS SUBSTANCE.  
Dangerous goods classification according to the Australia Dangerous Goods Code.  
Classified as hazardous according to the criteria of NOHSC.

Standard for the Uniform : No poison schedule number allocated  
Scheduling of Medicines and  
Poisons

**R-phrases)**

Extremely flammable.

**S-phrases)**

Take precautionary measures against static discharges.  
This material and its container must be disposed of as hazardous waste.

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical nature : Mixture

**Hazardous components**

Chemical Name	CAS-No.	Concentration
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White mineral oil (petroleum)	8042-47-5	$\geq 70 - < 75\%$
butane	106-97-8	$\geq 15 - < 20\%$
propane	74-98-6	$\geq 5 - < 7\%$
isobutane	75-28-5	$\geq 5 - < 7\%$

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**4. FIRST AID MEASURES**

General advice	: If you feel unwell, seek medical advice (show the label where possible). First aider needs to protect himself. Move out of dangerous area. Never give anything by mouth to an unconscious person. Take off contaminated clothing and shoes immediately.
If inhaled	: If breathed in, move person into fresh air. In the case of inhalation of aerosol/mist consult a physician if necessary. Keep patient warm and at rest. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
In case of skin contact	: In case of contact, immediately flush skin with soap and plenty of water. Do NOT use solvents or thinners. If skin irritation persists, call a physician.
In case of eye contact	: Protect unharmed eye. If easy to do, remove contact lens, if worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
If swallowed	: If swallowed, seek medical advice immediately and show this container or label. If swallowed, DO NOT induce vomiting. If a person vomits when lying on his back, place him in the recovery position.

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**5. FIREFIGHTING MEASURES**

Suitable extinguishing media	: Carbon dioxide (CO <sub>2</sub> ) Sand
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Dry powder

- Unsuitable extinguishing media : High volume water jet  
Water
- Specific hazards during fire-fighting : Do not use a solid water stream as it may scatter and spread fire.  
Exposure to decomposition products may be a hazard to health.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.  
Use personal protective equipment.
- Further information : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
In the event of fire and/or explosion do not breathe fumes.  
Use water spray to cool unopened containers.  
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.  
If the temperature rises there is danger of the vessels bursting due to the high vapor pressure.

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**6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions : Refer to protective measures listed in sections 7 and 8.  
Use personal protective equipment.  
Remove all sources of ignition.  
Avoid contact with skin and eyes.  
Ensure adequate ventilation, especially in confined areas.  
Contaminated surfaces will be extremely slippery.  
Immediately evacuate personnel to safe areas.  
Avoid inhalation of vapour or mist.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
- Environmental precautions : Do not flush into surface water or sanitary sewer system.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods for cleaning up : Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national

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regulations.  
Clean contaminated surface thoroughly.

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**7. HANDLING AND STORAGE****Handling**

Advice on safe handling : For personal protection see section 8.  
Limit the stocks at work place.  
Use only in well-ventilated areas.  
Do not breathe vapours or spray mist.  
Avoid contact with skin and eyes.  
Do not spray on a naked flame or any incandescent material.  
Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits.  
Take precautionary measures against static discharges.  
Do not carry cloths that have come into contact with the product in your clothing.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.  
Vapours are heavier than air and may spread along floors.  
Vapours may form explosive mixtures with air.  
Keep away from heat and sources of ignition.  
Do not smoke.  
No sparking tools should be used.  
Electrical equipment should be protected to the appropriate standard.

Dust explosion class : not applicable

**Storage**

Requirements for storage areas and containers : Store in original container.  
BEWARE: Aerosol is pressurized. Keep away from heat. Keep away from direct sunlight. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.  
Keep containers tightly closed in a cool, well-ventilated place.  
Please observe the storage instructions for aerosols!

Further information on storage conditions : AS/NZS 3833 The storage and handling of mixed classes of Dangerous Goods in packages and intermediate bulk containers.

Advice on common storage : Do not store together with oxidizing and self-igniting products.



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Other data : No decomposition if stored and applied as directed.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

Components	CAS-No.	Value	Control parameters	Update	Basis
White mineral oil (petroleum)	8042-47-5	TWA	5 mg/m <sup>3</sup>	2013-04-18	AU OEL
butane	106-97-8	TWA	800 ppm 1,900 mg/m <sup>3</sup>	2012-05-04	AU OEL

Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003], as amended through August 2005

**Biological occupational exposure limits**

no biological limit allocated

**Engineering measures**

Provide sufficient air exchange and/or exhaust in work rooms.

**Personal protective equipment**Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.  
Respirator with filter type AHand protection : Nitrile rubber  
Break through time: > 480 min  
Glove thickness: 0.3 mm: Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work.  
For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.

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Eye protection	: Tightly fitting safety goggles
Skin and body protection	: Flame retardant antistatic protective clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety practice. General industrial hygiene practice. Do not inhale aerosol. Avoid contact with skin, eyes and clothing. When using do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Follow the skin protection plan. Wash contaminated clothing before re-use.

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**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Form	: aerosol
Colour	: colourless
Odour	: characteristic
Odour Threshold	: no data available

**Safety data**

Flash point	: no data available
Ignition temperature	: 365 °C
Lower explosion limit	: 1 %(V)
Upper explosion limit	: 8.5 %(V)
Flammability	: Extremely flammable aerosol.
Auto-ignition temperature	: not auto-flammable
pH	: not applicable
Melting point/range	: no data available
Boiling point/boiling range	: not applicable
Vapour pressure	: 4,100 hPa



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	at 20 °C
Density	: 0.76 g/cm <sup>3</sup> at 20 °C
Water solubility	: partly miscible
Partition coefficient: n-octanol/water	: no data available
Solubility in other solvents	: no data available
Viscosity, dynamic	: no data available
Viscosity, kinematic	: 14 mm <sup>2</sup> /s at 40 °C
Relative vapour density	: no data available
Evaporation rate	: no data available
Thermal decomposition	: no data available

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**10. STABILITY AND REACTIVITY**

Conditions to avoid	: Heat, flames and sparks.
Materials to avoid	: no data available
Hazardous decomposition products	: Build-up of dangerous/toxic fumes possible in cases of fire/high temperature.
Hazardous reactions	: Vapours may form explosive mixtures with air. If the temperature rises there is danger of the vessels bursting due to the high vapor pressure.
Stability	:  No decomposition if stored and applied as directed.

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**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Acute oral toxicity	: no data available
Acute oral toxicity (Components)	
White mineral oil (petroleum)	: LD50: > 5,000 mg/kg Species: Rat Method: OECD Test Guideline 401

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**Acute inhalation toxicity (Components)**

White mineral oil (petroleum) : LC50: > 5 mg/l  
Exposure time: 4 h  
Species: Rat  
Method: OECD Test Guideline 403

butane : LC50: 1,237 mg/l  
Exposure time: 2 h  
Species: Mouse

propane : LC50: 1,237 mg/l  
Species: Mouse

isobutane : LC50: 1,237 mg/l  
Species: Mouse

**Acute dermal toxicity (Components)**

White mineral oil (petroleum) : LD50: > 2,000 mg/kg  
Species: Rabbit  
Method: OECD Test Guideline 402

**Skin corrosion/irritation**

Skin irritation : no data available

**Skin irritation (Components)**

White mineral oil (petroleum) : Species: Rabbit  
Result: No skin irritation  
Method: OECD Test Guideline 404

**Serious eye damage/eye irritation**

Eye irritation : no data available

**Eye irritation (Components)**

White mineral oil (petroleum) : Species: Rabbit  
Result: No eye irritation  
Method: OECD Test Guideline 405

**Respiratory or skin sensitisation**

Sensitisation : no data available

**Sensitisation (Components)**

White mineral oil (petroleum) : Species: Guinea pig  
Result: Does not cause skin sensitisation.

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Method: OECD Test Guideline 406

**Chronic toxicity**

Mutagenicity : no data available  
Carcinogenicity : no data available

## Carcinogenicity (Components)

White mineral oil (petroleum) : Animal testing did not show any carcinogenic effects.

Teratogenicity : no data available  
Reproductive toxicity : no data available

## Reproductive toxicity (Components)

White mineral oil (petroleum) : No toxicity to reproduction

**Specific target organ toxicity - single exposure**

no data available

**Specific target organ toxicity - repeated exposure**

no data available

butane : Species: Rat, male and female  
Application Route: Inhalation  
Dose: 0 - 9000 ppm  
Exposure time: 28 d ()  
NOEL: 21.394 mg/l 9000 ppm

Aspiration toxicity : no data available

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**12. ECOLOGICAL INFORMATION**

## Toxicity to fish (Components)

White mineral oil (petroleum) : LC50: > 100 mg/l  
Exposure time: 96 h

Species: *Oncorhynchus mykiss* (rainbow trout)  
Method: OECD Test Guideline 203

propane : LC50: 147.54 mg/l  
Exposure time: 96 h

Species: Fish

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isobutane : LC50: 147.54 mg/l  
Exposure time: 96 h

Species: Fish

Toxicity to daphnia and other aquatic invertebrates (Components)

White mineral oil (petroleum) : LC50: > 100 mg/l  
Exposure time: 48 h  
Species: Daphnia magna (Water flea)  
Method: OECD Test Guideline 202

propane : LC50: 69.43 mg/l  
Exposure time: 48 h  
Species: Daphnia magna (Water flea)

isobutane : LC50: 46.6 mg/l  
Exposure time: 48 h  
Species: Daphnia (water flea)

Toxicity to algae (Components)

White mineral oil (petroleum) : NOEL: > 100 mg/l  
Exposure time: 72 h  
Species: Pseudokirchneriella subcapitata (green algae)  
Method: OECD Test Guideline 201

**Elimination information (persistence and degradability)**

Bioaccumulation : no data available  
Biodegradability : no data available  
Mobility in soil : no data available

**Further information on ecology****Ecotoxicology Assessment**

Results of PBT assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Additional ecological information : The product should not be allowed to enter drains, water courses or the soil.

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**13. DISPOSAL CONSIDERATIONS**

- Product : In accordance with local and national regulations., This material and its container must be disposed of as hazardous waste.
- Disposal of contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.  
Do not burn, or use a cutting torch on, the empty drum.  
Please ensure aerosol cans are sprayed completely empty (including propellant)  
Containers that have not been emptied in compliance with regulations are regarded as hazardous waste.  
Dispose of as unused product.

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**14. TRANSPORT INFORMATION****ADG**

- UN number : 1950  
Description of the goods : AEROSOLS  
Class : 2.1  
Labels : 2.1  
Hazchem Code : 2YE  
Environmentally hazardous : no

**IATA**

- UN number : 1950  
Description of the goods : Aerosols, flammable  
Class : 2.1  
Labels : 2.1  
Packing instruction (cargo aircraft) : 203  
Packing instruction (passenger aircraft) : 203  
Packing instruction (passenger aircraft) : Y203  
Environmentally hazardous : no

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**IMDG**

UN number : 1950  
Description of the goods : AEROSOLS

Class : 2.1  
Packing group : --  
Labels : 2.1  
EmS Number 1 : F-D  
EmS Number 2 : S-U

Marine pollutant : no

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**15. REGULATORY INFORMATION**Labelling according to EC Directives**1999/45/EC**

R-phrases) : R12 Extremely flammable.

S-phrases) : S33 Take precautionary measures against static discharges.  
S60 This material and its container must be disposed of as hazardous waste.

Special labelling of certain mixtures : Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C.  
Do not pierce or burn, even after use.  
Do not spray on a naked flame or any incandescent material.  
Keep away from sources of ignition - No smoking.  
Keep out of the reach of children.

**National regulatory information**

For detailed advice on Personal Protective equipment, refer to the following Australian Standards :- HB 9 (Handbook 9) Manual of industrial personal protection.  
AS/NZS 1337 Eye protectors for industrial applications.  
AS/NZS 1715 Selection, use and maintenance of respiratory protective devices.  
AS/NZS 1716 Respiratory protective devices.  
AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.  
AS/NZS 2919: Industrial clothing.

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**Hazard category**

Extremely flammable

National Code of Practice for the Preparation of Material Safety Data Sheets [NOHSC:2011]

List of Designated Hazardous Substances [NOHSC].

Approved Criteria for Classifying Hazardous Substances [NOHSC:1008].

Amendment to National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC](2005)

Australian Dangerous Goods Code.

Standard Uniform Scheduling of Drugs and Poisons.

**Notification status**

AICS : On the inventory, or in compliance with the inventory

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**16. OTHER INFORMATION**Full text of R-phrases referred to under sections 2 and 3

R12 Extremely flammable.

**Further information**

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.

End of Safety Data Sheet