

### YBS-NBU15

CN Revision Date: Date of last issue: 05/03/2023 Print Date: 11/06/2023 Date of first issue: 05/03/2023 11/22/2023

**SECTION 1. IDENTIFICATION** 

Product name : Grease

Model : YBS-NBU15

Manufacturer or supplier's details

Company name of supplier : Shenzhen Jialede Chemical Technology Co.,Ltd

Factory:302, Building 15, No. 142, Jinghai West Road, Chang'an

Town, Dongguan, GD, 523861

Office:C308, Building 3, No. 3 and 4, Xinhe Avenue, Gonghe Community, Shajing Street, Bao'an District, SZ, 518106

Phone: 86+18682086449 Fax: 0769-81668390

E-mail address of person

responsible for the SDS :Alan@jialedlube.com

Emergency telephone num-

her :86+18682086449

Recommended use of the chemical and restrictions on use

Recommended use : Grease

Restrictions on use : Restricted to professional users.

## **SECTION 2. HAZARDS IDENTIFICATION**

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a hazardous substance or mixture.

**GHS** label elements

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Other hazards

None known.

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : Mineral oil.



### YBS-NBU15

CN Revision Date: Date of last issue: 05/03/2023

11/06/2023 Date of first issue: 05/03/2023 Print Date: 11/22/2023

Synthetic hydrocarbon oil

ester oil

barium complex soap

### Components

Chemical name	CAS-No.	Concentration (% w/w)
Barium compound	Proprietary	Trade secret (>= 30 - < 60)
White mineral oil (petroleum)	8042-47-5	Trade secret (>= 30 - < 60)
Polyalphaolefin	Proprietary	Trade secret (>= 10 - < 30)

Actual concentration is withheld as a trade secret

#### **SECTION 4. FIRST AID MEASURES**

If inhaled Remove person to fresh air. If signs/symptoms continue, get

medical attention.

Keep patient warm and at rest.

If breathing is irregular or stopped, administer artificial respira-

In case of skin contact Remove contaminated clothing. If irritation develops, get med-ical

attention.

Wash off with soap and water.

In case of eye contact Rinse immediately with plenty of water, also under the eyelids, for

at least 10 minutes.

If eye irritation persists, consult a specialist.

If swallowed Move the victim to fresh air.

Do not induce vomiting without medical advice.

Most important symptoms and effects, both acute and

delayed

No information available.

None known.

No information available. Notes to physician

### **SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or car-bon

dioxide.

Unsuitable extinguishing

media

High volume water jet

Hazardous combustion prod-

ucts

Carbon oxides

Nitrogen oxides (NOx)

Metal oxides



### YBS-NBU15

CN Revision Date: Date of last issue: 05/03/2023 Print Date: 11/06/2023 Date of first issue: 05/03/2023 11/22/2023

Further information : Standard procedure for chemical fires.

Special protective equipment

for firefighters

: In the event of fire, wear self-contained breathing apparatus. Use

personal protective equipment.

Exposure to decomposition products may be a hazard to

health

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emer-

gency procedures

Evacuate personnel to safe areas.

Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release

(dust).

Do not breathe vapours, aerosols.

Refer to protective measures listed in sections 7 and 8.

Environmental precautions : Try to prevent the material from entering drains or water

courses.

Local authorities should be advised if significant spillages

cannot be contained.

Methods and materials for containment and cleaning up

: Clean up promptly by sweeping or vacuum.

Keep in suitable, closed containers for disposal.

#### SECTION 7. HANDLING AND STORAGE

Advice on safe handling : For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the ap-

plication area.

Wash hands and face before breaks and immediately after

handling the product.

Conditions for safe storage : Store in original container.

Keep container closed when not in use. Keep in a dry, cool and well-ventilated place.

Containers which are opened must be carefully resealed and kept

upright to prevent leakage.

Store in accordance with the particular national regulations.

Keep in properly labelled containers.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
White mineral oil (petroleum)	8042-47-5	TWA (Mist)	5 mg/ <sup>m3</sup>	OSHA Z-1 (2011-07-01)



### YBS-NBU15

CN Revision Date: Date of last issue: 05/03/2023 Print Date: 11/06/2023 11/22/2023 Date of first issue: 05/03/2023

**Engineering measures** None.

Personal protective equipment

Respiratory protection Not required; except in case of aerosol formation.

Filter type Filter type P

Hand protection

Material Nitrile rubber Break through time > 10 min Protective index Class 1

Remarks For prolonged or repeated contact use protective gloves. The break

through time depends amongst other things on the

material, the thickness and the type of glove and therefore has

to be measured for each case.

Eye protection Safety glasses with side-shields

Protective measures The type of protective equipment must be selected according to the

concentration and amount of the dangerous substance at the

specific workplace.

Choose body protection in relation to its type, to the concen-

tration and amount of dangerous substances, and to the spe-cific

work-place.

Hygiene measures Wash face, hands and any exposed skin thoroughly after

#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Paste

Colour Beige

Odour Characteristic



YBS-NBU15

CN Revision Date: Date of fast issue: 05/03/2023

11/06/2023 Date of first issue: 05/03/2023 Print Date: 11/22/2023

Odour Threshold No data available

pН Not applicable

Melting point/range No data available

Boiling point/boiling range No data available

Flash point Not applicable

Evaporation rate No data available

Flammability (solid, gas) No data available

Flammability (liquids) Sustains combustion

Self-ignition No data available

Upper explosion limit/ Upper

flammability limit

No data available

Lower explosion limit/ Lower

flammability limit

No data available

< 0.001 hPa(68 °F/ 20 °C) Vapour pressure

Relative vapour density No data available

Relative density 0.99(68 °F/ 20 °C)

> Reference substance: Water The value is calculated

Bulk density Not applicable

Water solubility Water solubility

No data available Solubility in other solvents

Partition coefficient: n-

octanol/water No data available

Auto-ignition temperature No data available

Decomposition temperature No data available



### YBS-NBU15

CN Revision Date: Date of fast issue: 05/03/2023 Print Date: 11/06/2023 Date of first issue: 05/03/2023 11/22/2023

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : Not applicable

Explosive properties : Not explosive

Oxidizing properties : No data available

Sublimation point : Not applicable

### **SECTION 10. STABILITY AND REACTIVITY**

Reactivity : No hazards to be specially mentioned.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reac-

tions

: No dangerous reaction known under conditions of normal use.

Conditions to avoid : No conditions to be specially mentioned.

Incompatible materials : No materials to be especially mentioned.

Hazardous decomposition

products

: No decomposition if stored and applied as directed.

### **SECTION 11. TOXICOLOGICAL INFORMATION**

### Acute toxicity

**Product:** 

Acute oral toxicity : Remarks: This information is not available.

Acute inhalation toxicity : Remarks: This information is not available.

Acute dermal toxicity : Remarks: This information is not available.

**Components:** 

**Barium compound:** 

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg

Method: Directive 67/548/EEC, Annex V, B.1.

GLP: yes

Assessment: The substance or mixture has no acute oral tox-icity



### YBS-NBU15

CN Revision Date: Date of fast issue: 05/03/2023 Print Date: 11/06/2023 Date of first issue: 05/03/2023 11/22/2023

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg

Method: OECD Test Guideline 402

GLP: yes

Assessment: The substance or mixture has no acute dermal

toxicity

White mineral oil (petroleum):

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Method: OECD Test Guideline 401

GLP: yes

Acute inhalation toxicity : LC50 (Rat): > 5 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: OECD Test Guideline 403

GLP: yes

Assessment: The substance or mixture has no acute inhala-tion

toxicity

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg

Method: OECD Test Guideline 402

GLP: yes

Assessment: The substance or mixture has no acute dermal

toxicity

Polyalphaolefin:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Method: OECD Test Guideline 423

GLP: yes

Acute inhalation toxicity : LC50 (Rat): > 5.2 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: OECD Test Guideline 403

GLP: yes

Assessment: The substance or mixture has no acute inhala-tion

toxicity

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg

Method: OECD Test Guideline 402

Assessment: The substance or mixture has no acute dermal

toxicity

Skin corrosion/irritation

**Product:** 

Remarks : This information is not available.



### YBS-NBU15

CN Revision Date: Date of fast issue: 05/03/2023 Print Date: 11/06/2023 Date of first issue: 05/03/2023 11/22/2023

**Components:** 

**Barium compound:** 

Species : Rabbit

Assessment : No skin irritation

Method : OECD Test Guideline 404

Result : No skin irritation

GLP : yes

White mineral oil (petroleum):

Species : Rabbit

Assessment : No skin irritation

Method : OECD Test Guideline 404

Result : No skin irritation

GLP : yes

Polyalphaolefin:

Species : Rabbit

Assessment : No skin irritation

Method : OECD Test Guideline 404

Result : No skin irritation

GLP : yes

Serious eye damage/eye irritation

**Product:** 

Remarks : This information is not available.

**Components:** 

**Barium compound:** 

Species : Rabbit

Result : No eye irritation
Assessment : No eye irritation

Method : OECD Test Guideline 405

GLP : yes

White mineral oil (petroleum):

Species : Rabbit

Result : No eye irritation
Assessment : No eye irritation

Method : OECD Test Guideline 405

GLP : yes

Polyalphaolefin:

Species : Rabbit

Result : No eye irritation
Assessment : No eye irritation

Method : OECD Test Guideline 405



### YBS-NBU15

CN Revision Date: Date of fast issue: 05/03/2023 Print Date: 11/06/2023 Date of first issue: 05/03/2023 11/22/2023

GLP : yes

Respiratory or skin sensitisation

**Product:** 

Remarks : This information is not available.

**Components:** 

Barium compound:

Test Type : Maximisation Test

Species : Guinea pig

Assessment : Does not cause skin sensitisation.

Method : OECD Test Guideline 406

Result : Does not cause skin sensitisation. yes

GLP :

White mineral oil (petroleum): Maximisation Test

Test Type : Guinea pig

Species : Does not cause skin sensitisation.
Assessment : OECD Test Guideline 406

Method : Does not cause skin sensitisation. yes

Result :

GLP

**Polyalphaolefin:** Maximisation Test

Guinea pig

Test Type : Does not cause skin sensitisation.
Species : OECD Test Guideline 406

Assessment : Does not cause skin sensitisation. yes

Method

Result :

GLP :

Germ cell mutagenicity

Remarks: No data available

Product:

Constanting in vites

Remarks: No data available

Genotoxicity in vitro :

Genotoxicity in vivo :

**Components:** Test Type: Ames test

Barium compound: Method: OECD Test Guideline 471

Result: negative

Genotoxicity in vitro : GLP: yes

White mineral oil (petroleum):



## YBS-NBU15

CN Revision Date: Date of fast issue: 05/03/2023 Print Date: 11/06/2023 Date of first issue: 05/03/2023 11/22/2023

Genotoxicity in vitro : Test Type: Ames test

Method: Mutagenicity (Salmonella typhimurium - reverse mu-

tation assay)
Result: negative
GLP: yes

Germ cell mutagenicity -

Assessment

Tests on bacterial or mammalian cell cultures did not show

mutagenic effects.

Polyalphaolefin:

Genotoxicity in vitro : Test Type: Ames test

Method: Mutagenicity (Escherichia coli - reverse mutation

assay

Result: negative GLP: yes

Germ cell mutagenicity -

Assessment

Animal testing did not show any mutagenic effects.

Carcinogenicity

**Product:** 

Remarks : No data available

**Components:** 

White mineral oil (petroleum):

Carcinogenicity - Assess-

No evidence of carcinogenicity in animal studies.

ment

Polyalphaolefin:

Carcinogenicity - Assess-

Not classifiable as a human carcinogen.

ment

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

**Product:** 

Effects on fertility : Remarks: No data available :

Effects on foetal develop-

ment

Remarks: No data available



### YBS-NBU15

CN Revision Date: Date of fast issue: 05/03/2023 Print Date: 11/06/2023 Date of first issue: 05/03/2023 11/22/2023

**Components:** 

White mineral oil (petroleum):

Reproductive toxicity - As- : - Fertility -

sessment

No toxicity to reproduction

- Teratogenicity -

No effects on or via lactation

Polyalphaolefin:

Reproductive toxicity - As- :

- Fertility -

sessment

No toxicity to reproduction

- Teratogenicity -

Did not show teratogenic effects in animal experiments.

STOT - single exposure

**Components:** 

White mineral oil (petroleum):

Assessment : The substance or mixture is not classified as specific target

organ toxicant, single exposure.

STOT - repeated exposure

**Components:** 

White mineral oil (petroleum):

Assessment : The substance or mixture is not classified as specific target

organ toxicant, repeated exposure.

Repeated dose toxicity

**Product:** 

Remarks : This information is not available.

**Components:** 

**Barium compound:** 

NOAEL: 150 mg/kg

White mineral oil (petroleum):

NOAEL : 1,800 mg/kg

Exposure time : 90 d



### YBS-NBU15

CN Revision Date: Date of fast issue: 05/03/2023 Print Date: 11/06/2023 Date of first issue: 05/03/2023 11/22/2023

**Aspiration toxicity** 

**Product:** 

This information is not available.

**Components:** 

White mineral oil (petroleum):

No aspiration toxicity classification

Polyalphaolefin:

May be fatal if swallowed and enters airways.

Further information

**Product:** 

Remarks : Information given is based on data on the components and

the toxicology of similar products.

**SECTION 12. ECOLOGICAL INFORMATION** 

**Ecotoxicity** 

**Product:** 

Toxicity to fish

Remarks: No data available

Toxicity to daphnia and other

aquatic invertebrates

Remarks: No data available

Toxicity to algae/aquatic

plants

Remarks: No data available:

Toxicity to microorganisms Remarks: No data available

**Components:** 

Barium compound:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 100 mg/l

Exposure time: 96 h Test Type: static test

Method: OECD Test Guideline 203

GLP: yes

Toxicity to daphnia and other

aquatic invertebrates

EC50 (Daphnia magna (Water flea)): > 100 mg/l

Exposure time: 48 h

Test Type: Immobilization

Method: OECD Test Guideline 202



### YBS-NBU15

CN Revision Date: Date of fast issue: 05/03/2023 Print Date: 11/06/2023 Date of first issue: 05/03/2023 11/22/2023

GLP: yes

Toxicity to algae/aquatic

plants

: ErC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l

Exposure time: 72 h

Test Type: Growth inhibition
Method: OECD Test Guideline 201

GLP: yes

Toxicity to microorganisms : EC50 (Bacteria): > 1,000 mg/l

Exposure time: 3 h

Test Type: Respiration inhibition Method: OECD Test Guideline 209

GLP: yes

White mineral oil (petroleum):

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l

Exposure time: 96 h Test Type: static test

Method: OECD Test Guideline 203

Toxicity to daphnia and other

aquatic invertebrates

EC50 (Daphnia (water flea)): > 100 mg/l

Exposure time: 48 h

Test Type: Immobilization

Method: OECD Test Guideline 202

Toxicity to daphnia and other

aquatic invertebrates (Chron-

ic toxicity)

NOEC (Daphnia magna (Water flea)): >= 1,000 mg/l

Exposure time: 21 d

Polyalphaolefin:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 1,000 mg/l

Exposure time: 96 h Test Type: static test

Method: OECD Test Guideline 203

GLP: yes

Toxicity to daphnia and other

aquatic invertebrates

EC50 (Daphnia magna (Water flea)): > 1,000 mg/l

Exposure time: 48 h Test Type: Immobilization

Method: OECD Test Guideline 202

GLP: yes

Toxicity to algae/aquatic

plants

: ErC50 (Scenedesmus capricornutum (freshwater algae)): > 1,000

mg/l

Exposure time: 72 h

Test Type: Growth inhibition Method: OECD Test Guideline 201

GLP: yes

Toxicity to daphnia and other : aquatic invertebrates (Chron- ic

toxicity)

NOEC (Daphnia magna (Water flea)): 125 mg/l

Exposure time: 21 d



### YBS-NBU15

CN Revision Date: Date of fast issue: 05/03/2023 Print Date: 11/06/2023 Date of first issue: 05/03/2023 11/22/2023

Persistence and degradability

**Product:** 

Biodegradability : Remarks: No data available

Physico-chemical removabil-

ity

Remarks: No data available

**Components:** 

**Barium compound:** 

Biodegradability : Primary biodegradation

Inoculum: activated sludge Result: Not rapidly biodegradable

Biodegradation: 16.8 % Exposure time: 28 d

Method: OECD Test Guideline 301F

GLP: yes

White mineral oil (petroleum):

Biodegradability : Primary biodegradation

Inoculum: activated sludge Result: Not rapidly biodegradable

Biodegradation: 31 % Exposure time: 28 d

Method: OECD Test Guideline 301B

Polyalphaolefin:

Biodegradability : Primary biodegradation

Inoculum: activated sludge Result: Not readily biodegradable. Method: OECD Test Guideline 301B

Bioaccumulative potential

**Product:** 

Bioaccumulation : Remarks: This mixture contains no substance considered to

be persistent, bioaccumulating and toxic (PBT).

This mixture contains no substance considered to be very

persistent and very bioaccumulating (vPvB).

**Components:** 

Barium compound:

Partition coefficient: n- : log Pow: 0.9 - 18

octanol/water

White mineral oil (petroleum):

Partition coefficient: n-

Pow: > 6

octanol/water



### YBS-NBU15

CN Revision Date:

11/06/2023

Date of fast issue: 05/03/2023 Date of first issue: 05/03/2023 Print Date: 11/22/2023

Polyalphaolefin:

Partition coefficient: n-

octanol/water

:  $\log Pow: > 6.5 (68 °F / 20 °C)$ 

Mobility in soil

**Product:** 

Mobility : Remarks: No data available

Distribution among environ-

mental compartments

Remarks: No data available

Other adverse effects

**Product:** 

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Pro-

tection of Stratospheric Ozone - CAA Section 602 Class I

Substances

Remarks: 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).

Additional ecological infor-

mation

No information on ecology is available.

**Components:** 

White mineral oil (petroleum):

Results of PBT and vPvB

assessment

Non-classified PBT substance Non-classified vPvB substance

Polyalphaolefin:

Results of PBT and vPvB

assessment

Non-classified PBT substance Non-classified vPvB substance

**SECTION 13. DISPOSAL CONSIDERATIONS** 

Disposal methods

Waste from residues : The product should not be allowed to enter drains, water

courses or the soil.

Contaminated packaging : Packaging that is not properly emptied must be disposed of as

the unused product.

Dispose of waste product or used containers according to local

regulations.

**SECTION 14. TRANSPORT INFORMATION** 

**International Regulations** 



YBS-NBU15

CN Revision Date: 11/06/2023

Date of fast issue: 05/03/2023 Date of first issue: 05/03/2023 Print Date: 11/22/2023

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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** 

Not regulated as a dangerous good

#### **SECTION 15. REGULATORY INFORMATION**

### **CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

### 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 : No SARA Hazards

SARA 313 : The following components are subject to reporting levels es-

tablished by SARA Title III, Section 313:

Barium com- Proprietary >= 30 - < 50 %

pound

barium 25619-56-1 >= 0.1 - < 1 %

bis(dinonylnapht halenesulpho-

nate)

#### 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).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).



YBS-NBU15

Revision Date: Date of fast issue: 05/03/2023 Print Date: CN 11/06/2023 Date of first issue: 05/03/2023 11/22/2023

#### Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307 This product does not contain any priority pollutants related to the U.S. Clean Water Act

#### **US State Regulations**

### Massachusetts Right To Know

White mineral oil (petroleum) 8042-47-5

#### Pennsylvania Right To Know

Barium compound	Proprietary
White mineral oil (petroleum)	8042-47-5
Polyalphaolefin	Proprietary
bis(2-ethylhexyl) sebacate	122-62-3
barium bis(dinonylnaphthalenesulphonate)	25619-56-1

### Maine Chemicals of High Concern

White mineral oil (petroleum) 8042-47-5

#### **Vermont Chemicals of High Concern**

White mineral oil (petroleum) 8042-47-5

### Washington Chemicals of High Concern

White mineral oil (petroleum) 8042-47-5

### **New York City Hazardous Substances**

Barium compound	Proprietary
barium bis(dinonylnaphthalenesulphonate)	25619-56-1
Distillates (petroleum), hydrotreated light naphthenic	64742-53-6
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8
lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1
Distillates (petroleum), solvent-refined heavy naphthenic	64741-96-4
Distillates (petroleum), solvent-refined light naphthenic	64741-97-5

### California Permissible Exposure Limits for Chemical Contaminants

White mineral oil (petroleum) 8042-47-5

### TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

### **SECTION 16. OTHER INFORMATION**

#### **Further information**

#### Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)
NIOSH REL : USA. NIOSH Recommended Exposure Limits

OSHA PO : USA. OSHA - TABLE Z-1 Limits for Air Contaminants -

1910.1000

OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim-

its for Air Contaminants

ACGIH / TWA : 8-hour, time-weighted average

NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour

workday during a 40-hour workweek

NIOSH REL / ST : STEL - 15-minute TWA exposure that should not be exceeded

at anytime during a workday

OSHA P0 / TWA : 8-hour time weighted average OSHA Z-1 / TWA : 8-hour time weighted average

This information is not a product manual, but is intended to provide a representative and valuable concept. There are no warranties, representations or implications here. Recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review the recommendations for the intended use of this product and determine whether it is appropriate before use.

(R) means registered trade