# FRSC Chemical Solutions

## SAFETY DATA SHEET

### 1. Identification

Product identifier Car Quest White Lithium Grease

Other means of identification

**SDS number** 1065 **Part No.** 1065

**Tariff code** 2710.19.4000

Recommended use Grease

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name RSC Chemical Solutions Address 600 Radiator Road

Indian Trail, NC 28079

**United States** 

**Telephone** Customer Service: (704) 821-7643

Technical: (704) 684-1811

Website www.rscbrands.com

E-mail Not available.

**Emergency phone number** Emergency Telephone: (303) 623-5716

Emergency Contact: RMPDC (877-740-5015)

## 2. Hazard(s) identification

Physical hazardsFlammable aerosolsCategory 1Health hazardsSkin corrosion/irritationCategory 2Serious eye damage/eye irritationCategory 2

Germ cell mutagenicity

Category 1B

Carcinogenicity

Category 1B

Reproductive toxicity

Category 2

Category 2

Specific target organ toxicity, single exposure Category 3 narcotic effects

Specific target organ toxicity, repeated

exposure

Environmental hazards Hazardous to the aquatic environment, acute Category 2

hazard

Hazardous to the aquatic environment,

Category 2

Category 1

long-term hazard

OSHA defined hazards Not classified.

Label elements



Signal word Danger

**Hazard statement**Extremely flammable aerosol. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May cause genetic defects. May cause cancer. Suspected of damaging

drowsiness or dizziness. May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

#### **Precautionary statement**

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read

and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe gas. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response

If on skin: Wash with plenty of water. 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. If exposed or concerned: Get medical

advice/attention. Call a poison center/doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated

clothing and wash before reuse. Collect spillage.

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from Storage

sunlight. Do not expose to temperatures exceeding 50°C/122°F.

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

Hazard(s) not otherwise classified (HNOC)

Combustible.

Supplemental information

53.36% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 52.19% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

## 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
2-(2-butoxyéthoxy) Éthanol		112-34-5	20 - < 30
Low Odor Base Solvent		64742-47-8	20 - < 30
Stoddard Solvent		8052-41-3	20 - < 30
Distillates (petroleum), Hydrotreated Heavy Naphthenic		64742-52-5	10 - < 20
Carbon Dioxide		124-38-9	1 - < 3
Trimethylbenzene		25551-13-7	1 - < 3
Distillates (petroleum), Solvent-refined Heavy Paraffinic		64741-88-4	< 1
ETHYLBENZENE		100-41-4	< 1
BENZENE,1-METHYLETHYL-		98-82-8	< 0.3
Titanium Dioxide		13463-67-7	< 0.3
Zinc Oxide		1314-13-2	< 0.3
Other components below reportable level	S		3 - < 5

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

### 4. First-aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON

CENTER or doctor/physician if you feel unwell.

Wash off with soap and water. Get medical attention if irritation develops and persists. Skin contact

Rinse with water. Get medical attention if irritation develops and persists. Eve contact

Ingestion Rinse mouth. Get medical attention if symptoms occur.

symptoms/effects, acute and delayed

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Diarrhea. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

**General information** 

Most important

IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). 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.

Material name: Car Quest White Lithium Grease 1065 Version #: 01 Issue date: 05-18-2015

## 5. Fire-fighting measures

Suitable extinguishing media
Unsuitable extinguishing
media

Powder. Alcohol resistant foam. Dry chemicals. Carbon dioxide (CO2). Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Fire fighting equipment/instructions

Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or

monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not

breathe fumes.

General fire hazards

Extremely flammable aerosol. Combustible.

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures 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 gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Refer to attached safety data sheets and/or instructions for use. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Isolate area until gas has dispersed. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Use water spray to reduce vapors or divert vapor cloud drift. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

**Environmental precautions** 

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

## 7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe gas. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. Level 2 Aerosol.

Conditions for safe storage, including any incompatibilities

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

## Occ

Components	Contaminants (29 CFR 1910.1 Type	Value	Form
BENZENE,1-METHYLETHY (CAS 98-82-8)	PEL	245 mg/m3	
Carbon Dioxide (CAS 24-38-9)	PEL	50 ppm 9000 mg/m3	
24-30-3)		5000 ppm	
vistillates (petroleum), lydrotreated Heavy laphthenic (CAS 4742-52-5)	PEL	5 mg/m3	Mist.
·		2000 mg/m3	
Distillator (notroloum)	PEL	500 ppm	Mist.
0istillates (petroleum), colvent-refined Heavy Paraffinic (CAS 4741-88-4)	FEL	5 mg/m3	Wist.
		2000 mg/m3	
ETHYLBENZENE (CAS	PEL	500 ppm 435 mg/m3	
00-41-4)	,	G	
Staddard Salvant (CAS	DEL	100 ppm	
stoddard Solvent (CAS 052-41-3)	PEL	2900 mg/m3	
		500 ppm	
itanium Dioxide (CAS 3463-67-7)	PEL	15 mg/m3	Total dust.
inc Oxide (CAS	PEL	5 mg/m3	Respirable fraction.
314-13-2)		5 mg/m3	Fume.
		15 mg/m3	Total dust.
IS. ACGIH Threshold Limit Values		· ·	
omponents	Туре	Value	Form
-(2-butoxyéthoxy) Éthanol	TWA	10 ppm	Inhalable fraction and
CAS 112-34-5) ENZENE,1-METHYLETHY - (CAS 98-82-8)	TWA	50 ppm	vapor.
arbon Dioxide (CAS	STEL	30000 ppm	
24-38-9)	TWA	5000 ppm	
Distillates (petroleum),	TWA	5 mg/m3	Inhalable fraction.
lydrotreated Heavy ົ Iaphthenic (CAS 4742-52-5)		-	
Distillates (petroleum), Solvent-refined Heavy Paraffinic (CAS	TWA	5 mg/m3	Inhalable fraction.
94741-88-4) ETHYLBENZENE (CAS 00-41-4)	TWA	20 ppm	
Stoddard Solvent (CAS 052-41-3)	TWA	100 ppm	
itanium Dioxide (CAS 3463-67-7)	TWA	10 mg/m3	
rimethylbenzene (CAS 5551-13-7)	TWA	25 ppm	
inc Oxide (CAS 314-13-2)	STEL	10 mg/m3	Respirable fraction.

TWA

2 mg/m3

Respirable fraction.

Components	Туре	Value	Form
BENZENE,1-METHYLETHY (CAS 98-82-8)	TWA	245 mg/m3	
		50 ppm	
Carbon Dioxide (CAS 24-38-9)	STEL	54000 mg/m3	
		30000 ppm	
	TWA	9000 mg/m3	
		5000 ppm	
Distillates (petroleum), Hydrotreated Heavy Japhthenic (CAS 14742-52-5)	Ceiling	1800 mg/m3	
,	STEL	10 mg/m3	Mist.
Distillates (petroleum), Solvent-refined Heavy Paraffinic (CAS 54741-88-4)	Ceiling	1800 mg/m3	
,	STEL	10 mg/m3	Mist.
THYLBENZENE (CAS 00-41-4)	STEL	545 mg/m3	
•		125 ppm	
	TWA	435 mg/m3	
		100 ppm	
ow Odor Base Solvent CAS 64742-47-8)	TWA	100 mg/m3	
Stoddard Solvent (CAS 8052-41-3)	Ceiling	1800 mg/m3	
	TWA	350 mg/m3	
Zinc Oxide (CAS 314-13-2)	Ceiling	15 mg/m3	Dust.
	STEL	10 mg/m3	Fume.
	TWA	5 mg/m3	Fume.
		5 mg/m3	Dust.

#### **Biological limit values**

<b>ACGIH Biological</b>	<b>Exposure Indices</b>
Components	Value

Components	Value	Determinant	Specimen	Sampling Time
ETHYLBENZENE (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*

<sup>\* -</sup> For sampling details, please see the source document.

## **Exposure guidelines**

US - California OELs: Skin designation

BENZENE,1-METHYLETHYL- (CAS 98-82-8)

Can be absorbed through the skin.

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

BENZENE,1-METHYLETHYL- (CAS 98-82-8) Skin designation applies.

**US - Tennessee OELs: Skin designation** 

BENZENE,1-METHYLETHYL- (CAS 98-82-8)

Can be absorbed through the skin.

US NIOSH Pocket Guide to Chemical Hazards: Skin designation

BENZENE,1-METHYLETHYL- (CAS 98-82-8)

Can be absorbed through the skin.

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

BENZENE,1-METHYLETHYL- (CAS 98-82-8)

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).

Skin protection

**Hand protection** Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove

supplier.

Other Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an

air-supplied respirator.

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

General hygiene considerations

When using do not smoke. 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 Hazy
Physical state Gas.
Form Aerosol.
Color Not available.
Odor Not available.
Odor threshold Not available.
pH Not available.

Melting point/freezing point -94 °F (-70 °C) estimated Initial boiling point and boiling 302 °F (150 °C) estimated

range

Flash point 104.0 °F (40.0 °C) estimated

Evaporation rate Not available.
Flammability (solid, gas) Not available.
Upper/lower flammability or explosive limits

Flammability limit - lower

0.7 % estimated

(%)

Flammability limit - upper

6 % estimated

(%)

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure 0.83 hPa estimated

Vapor density Not available.

Relative density Not available.

Solubility(ies)

Solubility (water) Not available.

Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperature 410 °F (210 °C) estimated

**Decomposition temperature** Not available. **Viscosity** Not available.

Other information

**Density** 7.33 lbs/gal estimated

**Explosive properties** Not explosive.

Flame extension None Flammability (flash back) No

Flammability class Combustible II estimated
Heat of combustion (NFPA 29.78 kJ/g estimated

30B)

Oxidizing properties

Percent volatile

Specific gravity

VOC (Weight %)

Not oxidizing.

25.1 % estimated

0.88 estimated

< 24 % w/w

## 10. Stability and reactivity

**Reactivity**The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

**Conditions to avoid** Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials Strong oxidizing agents.

**Hazardous decomposition** 

products

No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

**Inhalation** May cause damage to organs through prolonged or repeated exposure by inhalation. May cause

drowsiness and dizziness. Headache. Nausea, vomiting.

**Skin contact** Causes skin irritation.

**Eye contact** Causes serious eye irritation.

**Ingestion** Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics

Headache. May cause drowsiness and dizziness. Nausea, vomiting. Diarrhea. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin

irritation. May cause redness and pain.

#### Information on toxicological effects

Acute toxicity Narcotic effects.

Components Species Test Results

2-(2-butoxyéthoxy) Éthanol (CAS 112-34-5)

<u>Acute</u>

Dermal

LD50 Rabbit 2700 mg/kg

Oral

LD50 Guinea pig 2000 mg/kg

 Mouse
 2400 mg/kg

 Rabbit
 2200 mg/kg

 Rat
 4500 mg/kg

BENZENE,1-METHYLETHYL- (CAS 98-82-8)

**Acute** 

Inhalation

LC50 Mouse 2000 ppm, 7 Hours

24.7 mg/l, 2 Hours

Rat 8000 ppm, 4 Hours

Oral

LD50 Rat 1400 mg/kg

ETHYLBENZENE (CAS 100-41-4)

**Acute** 

Dermal

LD50 Rabbit 17800 mg/kg

Oral

LD50 Rat 3500 mg/kg

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Components Species Test Results

Trimethylbenzene (CAS 25551-13-7)

<u>Acute</u>

Oral

LD50 Rat 8970 mg/kg

Zinc Oxide (CAS 1314-13-2)

Acute Inhalation

LC50 Mouse > 5.7 mg/l, 4 Hours

Oral

LD50 Mouse 7950 mg/kg

Rat > 5 g/kg

**Skin corrosion/irritation** Causes skin irritation.

Serious eye damage/eye

irritation

Causes serious eye irritation.

Respiratory or skin sensitization

**Respiratory sensitization** Not a respiratory sensitizer.

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

**Germ cell mutagenicity** May cause genetic defects.

Carcinogenicity May cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

BENZENE,1-METHYLETHYL- (CAS 98-82-8)
2B Possibly carcinogenic to humans.
ETHYLBENZENE (CAS 100-41-4)
2B Possibly carcinogenic to humans.

Stoddard Solvent (CAS 8052-41-3) 3 Not classifiable as to carcinogenicity to humans.

Titanium Dioxide (CAS 13463-67-7) 2B Possibly carcinogenic to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

US. National Toxicology Program (NTP) Report on Carcinogens

Distillates (petroleum), Hydrotreated Heavy Naphthenic Known To Be Human Carcinogen.

(CAS 64742-52-5)

Distillates (petroleum), Solvent-refined Heavy Paraffinic Known To Be Human Carcinogen.

(CAS 64741-88-4)

**Reproductive toxicity** Suspected of damaging fertility or the unborn child.

Specific target organ toxicity -

single exposure

May cause drowsiness and dizziness.

Specific target organ toxicity -

repeated exposure

Causes damage to organs through prolonged or repeated exposure.

**Aspiration hazard** Not likely, due to the form of the product.

Chronic effects Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be

harmful. Prolonged exposure may cause chronic effects.

## 12. Ecological information

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

Components		Species	Test Results	
2-(2-butoxyéthoxy) Éthanol (CAS 112-34-5)				
Aquatic				
Fish	LC50	Bluegill (Lepomis macrochirus)	1300 mg/l, 96 hours	
BENZENE,1-METHYL	ETHYL- (CAS 98-8	32-8)		
Aquatic				
Crustacea	EC50	Brine shrimp (Artemia sp.)	3.55 - 11.29 mg/l, 48 hours	
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	2.7 mg/l, 96 hours	

<sup>\*</sup> Estimates for product may be based on additional component data not shown.

Components Species Test Results

ETHYLBENZENE (CAS 100-41-4)

**Aquatic** 

Crustacea EC50 Water flea (Daphnia magna) 1.37 - 4.4 mg/l, 48 hours
Fish LC50 Fathead minnow (Pimephales promelas) 7.5 - 11 mg/l, 96 hours

Low Odor Base Solvent (CAS 64742-47-8)

Aquatic

Fish LC50 Rainbow trout, donaldson trout 2.9 mg/l, 96 hours

(Oncorhynchus mykiss)

Titanium Dioxide (CAS 13463-67-7)

Aquatic

Crustacea EC50 Water flea (Daphnia magna) > 1000 mg/l, 48 hours Fish LC50 Mummichog (Fundulus heteroclitus) > 1000 mg/l, 96 hours

Zinc Oxide (CAS 1314-13-2)

Aquatic

Fish LC50 Fathead minnow (Pimephales promelas) 2246 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)

2-(2-butoxyéthoxy) Éthanol0.56BENZENE,1-METHYLETHYL-3.66ETHYLBENZENE3.15Stoddard Solvent3.16 - 7.15

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. Contents

under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. 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. Do not re-use empty containers.

## 14. Transport information

DOT

**UN number** Not available.

**UN** proper shipping name

Transport hazard class(es)

Consumer Commodity

Class ORM-D Subsidiary risk -

Label(s) 2.2

Packing group

Not applicable.

**Environmental hazards** 

Marine pollutant Ye

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

<sup>\*</sup> Estimates for product may be based on additional component data not shown.

Packaging exceptions306Packaging non bulk302, 304Packaging bulk302, 314, 315

**IATA** 

UN number UN1950

UN proper shipping name Aerosols, flammable

Transport hazard class(es)
Class 2

Subsidiary risk

Packing group Not applicable.

Environmental hazards Yes

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo Forbidden.

aircraft

Cargo aircraft only Forbidden.

**IMDG** 

UN number UN1950
UN proper shipping name Aerosols
Transport hazard class(es)

Class 2
Subsidiary risk -

Packing group Not applicable.

**Environmental hazards** 

Marine pollutant Yes
EmS F-D, S-U

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78 and

the IBC Code



## Marine pollutant



**General information** IMDG Regulated Marine Pollutant. DOT Regulated Marine Pollutant.

## 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)**

2-(2-butoxyéthoxy) Éthanol (CAS 112-34-5) Listed.
BENZENE,1-METHYLETHYL- (CAS 98-82-8) Listed.
ETHYLBENZENE (CAS 100-41-4) Listed.
Zinc Oxide (CAS 1314-13-2) Listed.

#### SARA 304 Emergency release notification

Not regulated.

## OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

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

Hazard categories Immediate Hazard - Yes

Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No

#### SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous No

chemical

#### SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.	
2-(2-butoxyéthoxy) Éthanol	112-34-5	20 - < 30	
ETHYLBENZENE	100-41-4	< 1	

#### Other federal regulations

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

2-(2-butoxyéthoxy) Éthanol (CAS 112-34-5) BENZENE,1-METHYLETHYL- (CAS 98-82-8) ETHYLBENZENE (CAS 100-41-4)

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

Not regulated.

Safe Drinking Water Act

Not regulated.

(SDWA)

### **US** state regulations

#### US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

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

(a))

2-(2-butoxyéthoxy) Éthanol (CAS 112-34-5)

BENZENE,1-METHYLETHYL- (CAS 98-82-8)

Distillates (petroleum), Hydrotreated Heavy Naphthenic (CAS 64742-52-5)

Distillates (petroleum), Solvent-refined Heavy Paraffinic (CAS 64741-88-4)

ETHYLBENZENE (CAS 100-41-4)

Low Odor Base Solvent (CAS 64742-47-8)

Stoddard Solvent (CAS 8052-41-3)

Titanium Dioxide (CAS 13463-67-7)

Trimethylbenzene (CAS 25551-13-7)

## **US. Massachusetts RTK - Substance List**

BENZENE,1-METHYLETHYL- (CAS 98-82-8)

Carbon Dioxide (CAS 124-38-9)

Distillates (petroleum), Hydrotreated Heavy Naphthenic (CAS 64742-52-5)

Distillates (petroleum), Solvent-refined Heavy Paraffinic (CAS 64741-88-4)

ETHYLBENZENE (CAS 100-41-4)

Low Odor Base Solvent (CAS 64742-47-8)

Stoddard Solvent (CAS 8052-41-3)

Titanium Dioxide (CAS 13463-67-7)

Trimethylbenzene (CAS 25551-13-7)

Zinc Oxide (CAS 1314-13-2)

#### **US. New Jersey Worker and Community Right-to-Know Act**

2-(2-butoxyéthoxy) Éthanol (CAS 112-34-5) BENZENE,1-METHYLETHYL- (CAS 98-82-8) Carbon Dioxide (CAS 124-38-9) ETHYLBENZENE (CAS 100-41-4)

Low Odor Base Solvent (CAS 64742-47-8)

Stoddard Solvent (CAS 8052-41-3) Titanium Dioxide (CAS 13463-67-7)

Trimethylbenzene (CAS 25551-13-7)

Zinc Oxide (CAS 1314-13-2)

#### US. Pennsylvania Worker and Community Right-to-Know Law

2-(2-butoxyéthoxy) Éthanol (CAS 112-34-5) BENZENE,1-METHYLETHYL- (CAS 98-82-8)

Carbon Dioxide (CAS 124-38-9) ETHYLBENZENE (CAS 100-41-4)

Low Odor Base Solvent (CAS 64742-47-8)

Stoddard Solvent (CAS 8052-41-3) Titanium Dioxide (CAS 13463-67-7) Trimethylbenzene (CAS 25551-13-7)

Zinc Oxide (CAS 1314-13-2)

#### **US. Rhode Island RTK**

2-(2-butoxyéthoxy) Éthanol (CAS 112-34-5) BENZENE,1-METHYLETHYL- (CAS 98-82-8) ETHYLBENZENE (CAS 100-41-4)

Zinc Oxide (CAS 1314-13-2)

#### **US. California Proposition 65**

WARNING: This product contains a chemical known to the State of California to cause cancer.

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

Inventory name

BENZENE,1-METHYLETHYL- (CAS 98-82-8)
ETHYLBENZENE (CAS 100-41-4)
Listed: June 11, 2004
Listed: September 2, 2011

#### **International Inventories**

Country(s) or region

Australia	Australian Inventory of Chemical Substances (AICS)	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
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

<sup>\*</sup>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 05-18-2015

Version # 01

**Disclaimer** 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.

On inventory (yes/no)\*