# SAFETY DATA SHEET

# 1. Identification

**Product identifier Liquid Wrench Lubricating Oil** 

Other means of identification

SDS number L212

Part No. L212, L206 Tariff code 3403.19.1000

Recommended use Lubricant **Recommended restrictions** None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

**RSC Chemical Solutions** Company name **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 Telephone: (303) 623-5716 **Emergency phone number** 

> **Emergency Contact:** RMPDC (877-740-5015)

# 2. Hazard(s) identification

Physical hazards Flammable aerosols Category 1 **Health hazards** Skin corrosion/irritation Category 2

Serious eye damage/eye irritation Category 2 Germ cell mutagenicity Category 1B Carcinogenicity Category 1B Reproductive toxicity Category 2

Specific target organ toxicity, single exposure Category 3 narcotic effects

Specific target organ toxicity, repeated

exposure

Hazardous to the aquatic environment, acute Category 3

Hazardous to the aquatic environment,

long-term hazard

**OSHA** defined hazards Not classified.

Label elements

**Environmental hazards** 



Signal word Danger

Extremely flammable aerosol. Causes skin irritation. Causes serious eye irritation. May cause **Hazard statement** 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.

Category 1

Category 3

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

Material name: Liquid Wrench Lubricating Oil L212, L206 Version #: 01 Issue date: 04-29-2015

#### **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 mist or vapor. 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.

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

80.47% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 79.3% 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	%
Distillates (petroleum), Hydrotreated Heavy Naphthenic		64742-52-5	40 - < 50
Stoddard Solvent		8052-41-3	20 - < 30
2-(2-butoxyéthoxy) Éthanol		112-34-5	10 - < 20
Low Odor Base Solvent		64742-47-8	10 - < 20
Carbon Dioxide		124-38-9	1 - < 3
Trimethylbenzene		25551-13-7	1 - < 3
ETHYLBENZENE		100-41-4	< 1
BENZENE,1-METHYLETHYL-		98-82-8	< 0.3
Distillates (petroleum), Solvent-refined Heavy Paraffinic		64741-88-4	< 0.3
Other components below reportable lev	vels		5 - < 10

<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.

Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get Skin contact

medical advice/attention. Wash contaminated clothing before reuse.

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if Eve contact

present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low

so that stomach content doesn't get into the lungs.

Most important symptoms/effects, acute and delayed

Ingestion

May cause drowsiness and dizziness. Headache. Nausea, vomiting. 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

**General information** 

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

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: Liquid Wrench Lubricating Oil L212, L206 Version #: 01 Issue date: 04-29-2015

# 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

Fire fighting equipment/instructions face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

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 mist or vapor. 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. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. 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. Prevent product from entering drains. 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 mist or vapor. 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.

Conditions for safe storage, including any incompatibilities Level 3 Aerosol.

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. Store away from incompatible materials (see Section 10 of the SDS).

# 8. Exposure controls/personal protection

# Occupational exposure limits

US. OSHA Table Z-1 Limits for Air C Components	Type	Value	Form
BENZENE,1-METHYLETHY L- (CAS 98-82-8)	PEL	245 mg/m3	
(6/16/05/02/0)		50 ppm	
Carbon Dioxide (CAS	PEL	9000 mg/m3	
124-38-9)		5000	
Distillates (netroleum)	PEL	5000 ppm	Mist.
Distillates (petroleum), Hydrotreated Heavy Naphthenic (CAS	PEL	5 mg/m3	IVIISt.
64742-52-5)		2000 mg/m3	
		500 ppm	
Distillates (petroleum),	PEL	5 mg/m3	Mist.
Solvent-refined Heavy Paraffinic (CAS 64741-88-4)	. ==		
54741 00 4)		2000 mg/m3	
		500 ppm	
ETHYLBENZENE (CAS	PEL	435 mg/m3	
100-41-4)		400	
Staddard Salvant (CAS	PEL	100 ppm 2900 mg/m3	
Stoddard Solvent (CAS 3052-41-3)	PEL	2900 mg/ms	
,		500 ppm	
JS. ACGIH Threshold Limit Values			
Components	Туре	Value	Form
2-(2-butoxyéthoxy) Éthanol CAS 112-34-5)	TWA	10 ppm	Inhalable fraction and vapor.
BENZENE,1-METHYLETHY (CAS 98-82-8)	TWA	50 ppm	
Carbon Dioxide (CAS 124-38-9)	STEL	30000 ppm	
,	TWA	5000 ppm	
Distillates (petroleum), Hydrotreated Heavy Naphthenic (CAS	TWA	5 mg/m3	Inhalable fraction.
64742-52-5) Distillates (petroleum),	TWA	5 mg/m3	Inhalable fraction.
Solvent-refined Heavy Paraffinic (CAS	TVVA	3 mg/ms	imalable fraction.
64741-88-4) ETHYLBENZENE (CAS	TWA	20 ppm	
100-41-4) Stoddard Solvent (CAS	TWA	100 ppm	
3052-41-3) Frimethylbenzene (CAS 25551-13-7)	TWA	25 ppm	
JS. NIOSH: Pocket Guide to Chemi	ral Hazarde		
Components	Type	Value	Form
BENZENE,1-METHYLETHY (CAS 98-82-8)	TWA	245 mg/m3	
,,		50 ppm	
Carbon Dioxide (CAS 124-38-9)	STEL	54000 mg/m3	
•		30000 ppm	
	TWA	9000 mg/m3	
		5000 ppm	

Components		Type		Va	lue	Form
Distillates (petroleum), Hydrotreated Heavy Naphthenic (CAS 64742-52-5)		Ceilin	g	18	00 mg/m3	
,		STEL		10	mg/m3	Mist.
Distillates (petroleum), Solvent-refined Heavy Paraffinic (CAS 64741-88-4)		Ceilin	g	18	00 mg/m3	
,		STEL		10	mg/m3	Mist.
ETHYLBENZENE (CAS 100-41-4)		STEL		54	5 mg/m3	
•				12	5 ppm	
		TWA		43	5 mg/m3	
				10	0 ppm	
Low Odor Base Solvent (CAS 64742-47-8)		TWA		10	0 mg/m3	
Stoddard Solvent (CAS 8052-41-3)		Ceilin	g	18	00 mg/m3	
•		TWA		35	0 mg/m3	
ogical limit values						
ACGIH Biological Expos	ure Indices					
Components	Value		Determinant	Specimen	Sampling 1	Гime
ETHYLBENZENE (CAS 100-41-4)	0.15 g/g		Sum of mandelic acid and phenylglyoxylic	Creatinine in urine	*	

#### Bio

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 Chemical respirator with organic vapor cartridge and full facepiece.

Skin protection

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

supplier.

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

Respiratory protection Chemical respirator with organic vapor cartridge and full facepiece.

Wear appropriate thermal protective clothing, when necessary. Thermal hazards

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 Opaque Liquid.

Physical stateLiquid.FormAerosol.ColorYellow

Odor Sweet Vanilla
Odor threshold Not available.
pH Not available.

Melting point/freezing point  $-94 \, ^{\circ}\text{F} \, (-70 \, ^{\circ}\text{C})$  estimated Initial boiling point and boiling  $302 \, ^{\circ}\text{F} \, (150 \, ^{\circ}\text{C})$  estimated

range

Flash point 132.0 °F (55.6 °C) Tag Closed Cup

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

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 1.05 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 7.41 lbs/gal Explosive properties Not explosive.

Flame extension > 29 in Flammability (flash back) No

Flammability class Combustible II estimated
Heat of combustion (NFPA 32.08 kJ/g estimated

30B)

Oxidizing properties Not oxidizing.

Percent volatile 15.25 % estimated

Specific gravity 0.89

VOC (Weight %) 23.32 % 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 Hazardous polymerization does not occur.

reactions

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

Incompatible materials Strong oxidizing agents.

No hazardous decomposition products are known.

# products

# 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. Severe eye irritation.

Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May

8970 mg/kg

cause redness and pain.

Information on toxicological effects

Acute toxicity Narcotic effects.

,		
Components	Species	Test Results
2-(2-butoxyéthoxy) Éthano	I (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-METHYLETH	IYL- (CAS 98-82-8)	
<u>Acute</u>		
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 10	00-41-4)	
<u>Acute</u>		
Dermal		
LD50	Rabbit	17800 mg/kg
Oral		
LD50	Rat	3500 mg/kg

Rat

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

Serious eye damage/eye Causes serious eye irritation.

irritation

Respiratory or skin sensitization

Trimethylbenzene (CAS 25551-13-7)

Acute Oral LD50

**Respiratory sensitization** Not a respiratory sensitizer.

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

Germ cell mutagenicity May cause genetic defects.

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

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.

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 an aspiration hazard.

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

harmful. Prolonged exposure may cause chronic effects.

# 12. Ecological information

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

Components		Species	Test Results
2-(2-butoxyéthoxy) Éth	nanol (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
ETHYLBENZENE (CA	\S 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 Solve	nt (CAS 64742-47-8	3)	
Aquatic			
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	2.9 mg/l, 96 hours

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

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) Éthanol 0.56 BENZENE, 1-METHYLETHYL-3.66 **ETHYLBENZENE** 3.15 Stoddard Solvent 3.16 - 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.

Material name: Liquid Wrench Lubricating Oil L212, L206 Version #: 01 Issue date: 04-29-2015

# 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

UN1950 **UN** number

**UN** proper shipping name

Aerosols, flammable

Transport hazard class(es)

2.2 Subsidiary risk ORM-D Label(s) 2.2

Packing group

Not applicable. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Packaging exceptions 306 Packaging non bulk

302.304

Packaging bulk

302, 314, 315

**IATA** 

UN1950 **UN** number

**UN** proper shipping name Transport hazard class(es) Aerosols, flammable

Class

2 Subsidiary risk

Packing group Not applicable.

**Environmental hazards** No **ERG Code** 2L

Other information

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

Passenger and cargo

aircraft

Allowed.

Cargo aircraft only

Allowed.

**IMDG** 

UN1950 **UN** number **UN proper shipping name** Aerosols

Transport hazard class(es)

2 Class Subsidiary risk

Packing group Not applicable.

**Environmental hazards** 

Marine pollutant No. F-D, S-U **EmS** 

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

Transport in bulk according to Annex II of MARPOL 73/78 and Not established.

the IBC Code



# 15. Regulatory information

**US** federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

One or more components are not listed on TSCA.

# 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.

### 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	10 - < 20	
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)

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)

Trimethylbenzene (CAS 25551-13-7)

#### 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)

Trimethylbenzene (CAS 25551-13-7)

# 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)

Trimethylbenzene (CAS 25551-13-7)

#### US. Rhode Island RTK

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

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

ETHYLBENZENE (CAS 100-41-4)

#### **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

BENZENE, 1-METHYLETHYL- (CAS 98-82-8) Listed: April 6, 2010 ETHYLBENZENE (CAS 100-41-4) Listed: June 11, 2004

### **International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
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	No

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

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

04-29-2015 Issue date

Version # 01

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).

# 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.