# SAFETY DATA SHEET



EASY-OFF Fume Free Max Oven Cleaner

# 1. Product and company identification

: EASY-OFF Fume Free Max Oven Cleaner **Product name** 

**Distributed by** : Reckitt Benckiser (Canada) Inc.

1680 Tech Avenue, Unit #2 Mississauga, Ontario L4W 5S9

CANADA

Telephone: +1 905 283 7000

Reckitt Benckiser LLC. Morris Corporate Center IV

399 Interpace Parkway (P.O. Box 225) Parsippany, New Jersey 07054-0225

+1 973 404 2600

**Emergency telephone** 

number (Medical)

: 1-800-338-6167

**Emergency telephone** number (Transport)

: 1-800-424-9300 (U.S. & Canada) CHEMTREC

Outside U.S. and Canada (North America), call Chemtrec:703-527-3887

Website: : http://www.rbnainfo.com

**Product use** : Oven Cleaner Consumer use

This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is greater potential for large-scale or prolonged exposure, in accordance with the requirements of **USDOL** Occupational Safety and Health Administration.

This SDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulations, and shown in Section 15 of this SDS.

SDS# : D0059366 v10.0 Formulation #: : 363915 v6.0

**UPC Code / Sizes** : Aerosol can 400g/600g/14.5 oz/24 oz

# 2. Hazards identification

Classification of the substance or mixture : FLAMMABLE AEROSOLS - Category 2 GASES UNDER PRESSURE - Liquefied gas

EYE IRRITATION - Category 2A

**GHS** label elements

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# 2. Hazards identification

**Hazard pictograms** 







Signal word : CAUTION

**Hazard statements** Flammable aerosol.

Contains gas under pressure; may explode if heated.

Causes serious eye irritation.

**Precautionary statements** 

General : Keep out of reach of children. If medical advice is needed, have product container or

label at hand.

: Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames **Prevention** 

and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Wash hands thoroughly after handling. Pressurized container: Do not pierce or

burn, even after use.

: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if Response

present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store in **Storage** 

a well-ventilated place.

: Not applicable. **Disposal** Supplemental label

elements

: None known.

Hazards not otherwise

classified

: None known.

# 3. Composition/information on ingredients

Substance/mixture Mixture

Ingredient name	%	CAS number
Diethylene glycol monobutyl ether	5 - 10	112-34-5
potassium carbonate	1 - 5	584-08-7
isobutane	1 - 5	75-28-5
2-aminoethanol	1 - 5	141-43-5
d-Limonene	0.1 - 1	5989-27-5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

# 4. First aid measures

### **Description of necessary first aid measures**

**Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower

eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10

minutes. Get medical attention.

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# 4. First aid measures

#### Inhalation

: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

#### **Skin contact**

: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

### Ingestion

: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

### Potential acute health effects

**Eye contact** : Causes serious eye irritation.

Inhalation : No known significant effects or critical hazards.
 Skin contact : No known significant effects or critical hazards.
 Ingestion : No known significant effects or critical hazards.

### Over-exposure signs/symptoms

**Eye contact** : Adverse symptoms may include the following:

pain or irritation watering redness

**Inhalation** : Adverse symptoms may include the following:

respiratory tract irritation

coughing

Skin contact : No specific data.

Ingestion : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed.

The exposed person may need to be kept under medical surveillance for 48 hours.

**Specific treatments**: No specific treatment.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. It may

be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

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# 5. Fire-fighting measures

# **Extinguishing media**

Suitable extinguishing

media

: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing

media

: None known.

Specific hazards arising from the chemical

: Flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. Runoff to sewer may create fire or explosion hazard.

**Hazardous thermal** decomposition products : Decomposition products may include the following materials: carbon dioxide

carbon monoxide nitrogen oxides metal oxide/oxides

**Special protective actions** for fire-fighters

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

# 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions in the clean-up section. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders:

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel".

**Environmental precautions** 

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

#### Methods and materials for containment and cleaning up

Small spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

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# 6. Accidental release measures

### Large spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

# 7. Handling and storage

#### Precautions for safe handling

**Protective measures** 

: Put on appropriate personal protective equipment (see Section 8). Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing gas. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous.

including any incompatibilities

Conditions for safe storage, : Do not store above the following temperature: 50°C (122°F). Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Protect from sunlight. Eliminate all ignition sources. Use appropriate containment to avoid environmental contamination.

**Exposure limits** 

# 8. Exposure controls/personal protection

# **Control**

#### Occupational exposure limits

Ingredient name

Diethylene glycol monobutyl ether	ACGIH TLV (United States, 4/2014).
	TWA: 10 ppm 8 hours. Form: Inhalable
	fraction and vapor
isobutane	NIOSH REL (United States, 10/2013).
	TMA: 000 mm 40 haves

TWA: 800 ppm 10 hours. TWA: 1900 mg/m<sup>3</sup> 10 hours. ACGIH TLV (United States, 3/2015). STEL: 1000 ppm 15 minutes.

2-aminoethanol ACGIH TLV (United States, 4/2014).

TWA: 3 ppm 8 hours. TWA: 7.5 mg/m<sup>3</sup> 8 hours. STEL: 6 ppm 15 minutes. STEL: 15 mg/m<sup>3</sup> 15 minutes.

OSHA PEL 1989 (United States, 3/1989).

TWA: 3 ppm 8 hours. TWA: 8 mg/m<sup>3</sup> 8 hours. STEL: 6 ppm 15 minutes. STEL: 15 mg/m<sup>3</sup> 15 minutes.

NIOSH REL (United States, 10/2013).

TWA: 3 ppm 10 hours.

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# 8. Exposure controls/personal protection

TWA: 8 mg/m³ 10 hours. STEL: 6 ppm 15 minutes. STEL: 15 mg/m³ 15 minutes. OSHA PEL (United States, 2/2013).

TWA: 3 ppm 8 hours. TWA: 6 mg/m<sup>3</sup> 8 hours.

# Appropriate engineering controls

: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

# **Environmental exposure** controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

# **Individual protection measures**

**Hygiene measures** 

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

### Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

# Skin protection Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

#### **Body protection**

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear antistatic protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

## Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## **Respiratory protection**

: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

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# 9. Physical and chemical properties

**Appearance** 

**Physical state** : Liquid. [Liquefied compressed gas.]

Color : White.

Odor : Lemon-like. : Not available. **Odor threshold** 

pН 12.5

**Melting point** : Not available. **Boiling point** : Not available. Flash point : Not available. **Evaporation rate** : Not available. Flammability (solid, gas) : Not available. Lower and upper explosive

(flammable) limits

: Not available.

Vapor pressure : Not available. Vapor density : Not available. **Relative density** : 0.994 to 1.07

**Solubility** : Easily soluble in the following materials: cold water and hot water.

Partition coefficient: n-

octanol/water

: Not available.

**Auto-ignition temperature** : Not available. **Decomposition temperature**: Not available. : Not available. **Viscosity** : Not available. Flow time (ISO 2431)

**Aerosol product** 

reactions

products

Type of aerosol : Foam **Heat of combustion** : 4.594 kJ/g Flame height : <45 cm

# 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** : The product is stable.

**Possibility of hazardous** : Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** : Avoid all possible sources of ignition (spark or flame).

**Incompatible materials** : Do not mix with household chemicals.

**Hazardous decomposition** : Under normal conditions of storage and use, hazardous decomposition products should

not be produced.

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# 11. Toxicological information

### Information on toxicological effects

# **Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Diethylene glycol monobutyl ether	LD50 Dermal	Rabbit	2700 mg/kg	-
	LD50 Oral	Rat	4500 mg/kg	-
potassium carbonate	LD50 Oral	Rat	1870 mg/kg	-
isobutane	LC50 Inhalation Vapor	Rat	658000 mg/m <sup>3</sup>	4 hours
2-aminoethanol	LD50 Oral	Rat	1720 mg/kg	-
d-Limonene	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	4400 mg/kg	-
Easy-Off® Fume Free Max Oven Cleaner_FF363915 (D0059366) Canada	LC50 Inhalation Vapor	Rat	>200 mg/l	24 hours
,	LD50 Oral	Rat	>5000 mg/kg	-

**Conclusion/Summary** 

: \*Information is based on toxicity test result of the concentrate of a similar product.

### **Irritation/Corrosion**

Product/ingredient name	Result	Species	Score	Exposure	Observation
Diethylene glycol monobutyl ether	Eyes - Moderate irritant	Rabbit	-	24 hours 20 milligrams	-
	Eyes - Severe irritant	Rabbit	-	20 milligrams	-
2-aminoethanol	Eyes - Severe irritant	Rabbit	-	250 Micrograms	-
	Skin - Moderate irritant	Rabbit	-	505 milligrams	-
d-Limonene	Skin - Mild irritant	Rabbit	-	24 hours 10 Percent	-
Easy-Off® Fume Free Max Oven Cleaner_FF363915 (D0059366) Canada	Eyes - Edema of the conjunctivae	Rabbit	>2	-	14 days
, , , ,	Skin - Erythema/Eschar	Rabbit	0.59	-	-

# **Conclusion/Summary**

Skin

: Non-irritant to skin.

\*Information is based on toxicity test result of the concentrate of a similar product.

**Eyes** 

Moderately irritating to eyes.

\*Information is based on toxicity test result of the concentrate of a similar product.

**Respiratory**: Based on available data, the classification criteria are not met.

### **Sensitization**

Not available.

### **Conclusion/Summary**

Skin

: Based on available data, the classification criteria are not met.

**Respiratory**: Based on available data, the classification criteria are not met.

**Mutagenicity** 

Not available.

**Conclusion/Summary** 

: Based on available data, the classification criteria are not met.

**Carcinogenicity** 

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# 11. Toxicological information

Not available.

**Conclusion/Summary** 

: Based on available data, the classification criteria are not met.

**Classification** 

Product/ingredient name	OSHA	IARC	NTP
d-Limonene	-	3	-

### Reproductive toxicity

Not available.

**Conclusion/Summary**: Based on available data, the classification criteria are not met.

**Teratogenicity** 

Not available.

**Conclusion/Summary**: Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

### **Aspiration hazard**

Name	Result
d-Limonene	ASPIRATION HAZARD - Category 1

Information on the likely

routes of exposure

: Not available.

#### Potential acute health effects

**Eye contact** : Causes serious eye irritation.

Inhalation: No known significant effects or critical hazards.Skin contact: No known significant effects or critical hazards.Ingestion: No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact**: Adverse symptoms may include the following:

pain or irritation

watering redness

**Inhalation** : Adverse symptoms may include the following:

respiratory tract irritation

coughing

Skin contact : No specific data.

Ingestion : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

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# 11. Toxicological information

Potential immediate

effects

: Not available.

**Potential delayed effects** 

: Not available.

Long term exposure

**Potential immediate** 

: Not available.

effects

Potential delayed effects : Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary**: Based on available data, the classification criteria are not met.

General : No known significant effects or critical hazards.
 Carcinogenicity : No known significant effects or critical hazards.
 Mutagenicity : No known significant effects or critical hazards.
 Teratogenicity : No known significant effects or critical hazards.
 Developmental effects : No known significant effects or critical hazards.
 Fertility effects : No known significant effects or critical hazards.

### **Numerical measures of toxicity**

# **Acute toxicity estimates**

Route	ATE value
Dermal	37894.7 mg/kg

# 12. Ecological information

#### **Toxicity**

Product/ingredient name	Result	Species	Exposure
Diethylene glycol monobutyl ether	Acute LC50 1300000 μg/l Fresh water	Fish - Lepomis macrochirus	96 hours
potassium carbonate	Acute LC50 630000 μg/l Fresh water	Crustaceans - Ceriodaphnia dubia	48 hours
	Acute LC50 650000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
2-aminoethanol	Acute EC50 8.42 mg/l Fresh water	Algae - Desmodesmus subspicatus	72 hours
	Acute LC50 >100000 μg/l Marine water	Crustaceans - Crangon crangon - Adult	48 hours
	Acute LC50 170000 µg/l Fresh water	Fish - Carassius auratus	96 hours
d-Limonene	Acute EC50 421 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute EC50 688 μg/l Fresh water	Fish - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling)	96 hours

### Persistence and degradability

Not available.

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# 12. Ecological information

# **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Diethylene glycol monobutyl ether	1	-	low
isobutane	2.8	-	low
2-aminoethanol d-Limonene	-1.31   4.38	-	low high

### **Mobility in soil**

Soil/water partition coefficient (Koc)

: Not available.

Other adverse effects

: No known significant effects or critical hazards.

Release of large quantities into water may cause a pH-change resulting in danger for aquatic life.

# 13. Disposal considerations

# **Disposal methods**

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Do not puncture or incinerate container.

# 14. Transport information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
DOT Classification	UN1950	Aerosols, flammable	2.1	-	PLAMMASLE DAS	Limited quantity
TDG Classification	OG Classification UN1950 Aerosols, flammable 2.1		2.1	-	2	Limited quantity
Mexico Classification	UN1950	AEROSOLES	2.1	-	2	Limited quantity
IMDG Class	UN1950	Aerosols, flammable	2.1	-	2	Limited quantity

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# Transport information

14. Transport information											
IATA-DGR Class	UN1950	Aerosols, flammable	2.1	-	2	See DG-List.					

Special precautions for user : Transport within user's premises: always transport in closed containers that are

upright and secure. Ensure that persons transporting the product know what to do in the

event of an accident or spillage.

PG\* : Packing group

# 15. Regulatory information

: TSCA 8(a) PAIR: 1,1'-oxydipropan-2-ol; pentane **U.S. Federal regulations** 

TSCA 8(a) CDR Exempt/Partial exemption: Not determined

United States inventory (TSCA 8b): All components are listed or exempted. Clean Air Act (CAA) 112 regulated flammable substances: isobutane

Clean Air Act Section 112

(b) Hazardous Air **Pollutants (HAPs)**  : Listed

Clean Air Act Section 602

**Class I Substances** 

: Not listed

Clean Air Act Section 602

**Class II Substances** 

: Not listed

**DEA List I Chemicals** 

(Precursor Chemicals)

**DEA List II Chemicals** 

(Essential Chemicals)

: Not listed

: Not listed

#### **SARA 302/304**

### **Composition/information on ingredients**

No products were found.

**SARA 304 RQ** : Not applicable.

**SARA 311/312** 

Classification : Fire hazard

Sudden release of pressure Immediate (acute) health hazard

## **Composition/information on ingredients**

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Diethylene glycol monobutyl ether	5 - 10	Yes.	No.	No.	Yes.	No.
potassium carbonate	2.5 - 5	No.	No.	No.	Yes.	No.
isobutane	2.5 - 5	Yes.	Yes.	No.	No.	No.
2-aminoethanol	2.5 - 5	Yes.	No.	No.	Yes.	No.
d-Limonene	0.1 - 1	Yes.	No.	No.	Yes.	No.

**SARA 313** 

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# 15. Regulatory information

	Product name	CAS number	%
Form R - Reporting requirements	2-(2-butoxyethoxy)ethanol	112-34-5	7.125
Supplier notification	2-(2-butoxyethoxy)ethanol	112-34-5	7.125

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

### **State regulations**

Massachusetts : The following components are listed: ETHANOLAMINE: ISOBUTANE

New York : None of the components are listed.

New Jersey : The following components are listed: GLYCOL ETHERS; ETHANOLAMINE; ETHANOL,

2-AMINO-; Isobutane; PROPANE, 2-METHYL-

Pennsylvania: The following components are listed: GLYCOL ETHERS; ETHANOL, 2-AMINO-;

PROPANE, 2-METHYL-

**Canada** 

WHMIS (Canada)
: Class B-5: Flammable aerosol.

Class E: Corrosive material

**Canadian lists** 

**Canadian NPRI** : The following components are listed: Diethylene glycol butyl ether; Butane (all isomers)

**CEPA Toxic substances**: None of the components are listed.

**Canada inventory** : At least one component is not listed in DSL but all such components are listed in NDSL.

**Label elements** 

Signal word : CAUTION
Hazard statements : Eye Irritant

CONTENTS UNDER PRESSURE.

**Precautionary measures** : Keep out of the reach of children. Do not puncture or incinerate container. Do not

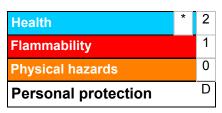
expose to heat or store at temperatures above 120 °F. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Do not get in

eyes. Wash thoroughly after handling. Do not breathe fumes.

**Additional information**: Contains Diethylene Glycol n-Butyl Ether, Isobutane and Monoethanolamine.

# 16. Other information

Hazardous Material Information System (U.S.A.)



Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on MSDSs under 29 CFR 1910. 1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

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# 16. Other information

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.)



### NFPA (30B) aerosol Flammability Level 1

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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

**Key to abbreviations** : ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973

as modified by the Protocol of 1978. ("Marpol" = marine pollution)

UN = United Nations

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**Revision comments**: Section 3 range update

Indicates information that has changed from previously issued version.

### **Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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# 16. Other information



RB is a member of the CSPA Product Care Product Stewardship Program.

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