

INO GLOSS 18, FLOOR DETERGENT NEUTRAL PH

SECTION 1. IDENTIFICATION

| | |
|--------------------------------------|--|
| Product Identifier | INO GLOSS 18, FLOOR DETERGENT NEUTRAL PH |
| Other Means of Identification | INO-GL18-4 (4L); INO-GL18-20 (20L) |
| Recommended Use | Recommended for industrial/professional use only. Use only as directed. Keep away from children. |
| Restrictions on Use | None known. |
| Manufacturer | INO SOLUTIONS, 9900 Bd du Golf, Anjou, QC H1J 3A1 |
| Emergency Phone No. | CANUTEC, +1 (613) 996-6666, (CAN) CHEMTREC, +1 (800) 424-9300, (US) |

SECTION 2. HAZARD IDENTIFICATION

Classification

Not classified under any hazard class.

Label Elements

Not applicable

Other Hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

| Chemical Name | CAS No. | % | Other Identifiers | Other Names |
|-----------------|----------|------|-------------------|----------------|
| 2-Butoxyethanol | 111-76-2 | 5-10 | N/A | Buthoxyethanol |
| Diethanolamine | 111-42-2 | <3 | N/A | |

Notes

N/A: Not applicable.

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Get medical advice or attention if you feel unwell or are concerned.

Product Identifier: INO GLOSS 18, FLOOR DETERGENT NEUTRAL PH - Ver.
Date of Preparation: 1 April 11, 2017
Date of Last Revision: April 11, 2017

Eye Contact

Quickly and gently blot or brush chemical off the face. Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

Ingestion

Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned.

First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

Most Important Symptoms and Effects, Acute and Delayed

None known.

Immediate Medical Attention and Special Treatment**Target Organs**

Not known.

Special Instructions

Treat symptomatically.

Medical Conditions Aggravated by Exposure

None known.

SECTION 5. FIRE-FIGHTING MEASURES**Extinguishing Media****Suitable Extinguishing Media**

Not combustible. Use extinguishing agent suitable for surrounding fire. Use water to keep non-leaking, fire-exposed containers cool.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Product

None known.

Not known to generate any hazardous decomposition products in a fire.

Special Protective Equipment and Precautions for Fire-fighters

Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from firefighting to enter drains or water courses.

Not determined.

SECTION 6. ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment, and Emergency Procedures**

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions

It is good practice to prevent releases into the environment.

Methods and Materials for Containment and Cleaning Up

No special clean-up methods are necessary.

SECTION 7. HANDLING AND STORAGE**Precautions for Safe Handling**

It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.

Conditions for Safe Storage

Comply with all applicable health and safety regulations, fire and building codes.

Product Identifier: INO GLOSS 18, FLOOR DETERGENT NEUTRAL PH - Ver.

Date of Preparation: 1 April 11, 2017

Date of Last Revision: April 11, 2017

Page 02 of 07

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Not available.

Appropriate Engineering Controls

General ventilation is usually adequate. For large scale use of this product: use local exhaust ventilation, if general ventilation is not adequate to control amount in the air.

Individual Protection Measures

Eye/Face Protection

Not required but it is good practice to wear safety glasses or chemical safety goggles.

Skin Protection

Not required, if used as directed.

Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

| | |
|---|--|
| Appearance | liquid. Particle Size: Not available |
| Odour | Not available |
| Odour Threshold | Not available |
| pH | 7.7; Neutral |
| Melting Point/Freezing Point | Not available (melting); Not available (freezing) |
| Initial Boiling Point/Range | Not available |
| Flash Point | Not available |
| Evaporation Rate | Not available |
| Flammability (solid, gas) | Not available |
| Upper/Lower Flammability or Explosive Limit | Not available (upper); Not available (lower) |
| Vapour Pressure | Not available |
| Vapour Density (air = 1) | Not available |
| Relative Density (water = 1) | 1.022 at 20 °C |
| Solubility | Soluble in water; Not available (in other liquids) |
| Partition Coefficient, n-Octanol/Water (Log Kow) | Not available |
| Auto-ignition Temperature | Not available |
| Decomposition Temperature | Not available |
| Viscosity | Not available (kinematic); Not available (dynamic) |
| Other Information | |
| Physical State | Liquid |
| Molecular Formula | Not available |
| Molecular Weight | Not available |
| Bulk Density | Not available |
| Surface Tension | Not available |
| Critical Temperature | Not available |
| Electrical Conductivity | Not available |
| Vapour Pressure at 50 deg C | Not available |
| Saturated Vapour Concentration | Not available |

Product Identifier: INO GLOSS 18, FLOOR DETERGENT NEUTRAL PH - Ver.
Date of Preparation: 1 April 11, 2017
Date of Last Revision: April 11, 2017

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

None known.

Incompatible Materials

None known.

Hazardous Decomposition Products

None known.

SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

Likely Routes of Exposure

Inhalation; skin contact; skin absorption; eye contact; ingestion.

Acute Toxicity

| Chemical Name | LC50 | LD50 (oral) | LD50 (dermal) |
|-----------------|---|-----------------------|------------------------|
| Diethanolamine | > 0.4 ppm (male rat) (4-hour exposure) | 1730 mg/kg (male rat) | 8180 mg/kg (rabbit) |
| 2-Butoxyethanol | 486 ppm (rat) (4-hour exposure) | 2400 mg/kg (male rat) | 400-500 mg/kg (rabbit) |

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

Skin Corrosion/Irritation

May cause very mild irritation based on information for closely related chemicals.

Serious Eye Damage/Irritation

May cause mild irritation based on information for closely related chemicals.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

May be harmful.

Skin Absorption

May be harmful based on information for closely related materials.

Ingestion

Harmful if swallowed.

Aspiration Hazard

No information was located.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

Respiratory and/or Skin Sensitization

No information was located.

Product Identifier: INO GLOSS 18, FLOOR DETERGENT NEUTRAL PH - Ver.

Date of Preparation: 1 April 11, 2017

Date of Last Revision: April 11, 2017

Carcinogenicity

| Chemical Name | IARC | ACGIH® | NTP | OSHA |
|-----------------|----------|--------|------------|------------|
| Diethanolamine | Group 2B | A3 | Not Listed | Not Listed |
| 2-Butoxyethanol | Group 3 | A3 | Not Listed | Not Listed |

IARC: Group 2B – Possibly carcinogenic to humans. (Diethanolamine)

Group 3 – Not classifiable as to its carcinogenicity to humans. (2-Butoxyethanol)

ACGIH®: A3 – Confirmed animal carcinogen. (Diethanolamine). (2-Butoxyethanol)

Key to Abbreviations

IARC = International Agency for Research on Cancer. ACGIH® = American Conference of Governmental Industrial Hygienists.

Reproductive Toxicity

Development of Offspring

No information was located.

Sexual Function and Fertility

No information was located.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

No information was located.

Interactive Effects

No information was located.

Other Information

N/A

SECTION 12. ECOLOGICAL INFORMATION

May be dangerous for the environment. No data is available on the product itself. Should not be released into the environment.

Ecotoxicity

May be dangerous for the environment. No data is available on the product itself. Should not be released into the environment.

Acute Aquatic Toxicity

| Chemical Name | LC50 Fish | EC50 Crustacea | ErC50 Aquatic Plants | ErC50 Algae |
|-----------------|--|----------------|----------------------|-------------|
| Diethanolamine | 44-68 mg/L (Daphnia magna (water flea); 48-hour; fresh water; static) | | | |
| 2-Butoxyethanol | > 1000 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour) | | | |

Persistence and Degradability

No information was located.

Bioaccumulative Potential

No information was located.

Mobility in Soil

No information was located.

Product Identifier: INO GLOSS 18, FLOOR DETERGENT NEUTRAL PH - Ver.

Date of Preparation: 1 April 11, 2017

Date of Last Revision: April 11, 2017

Other Adverse Effects

There is no information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

The required hazard evaluation of the waste and compliance with the applicable hazardous waste laws are the responsibility of the user.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

None known.

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL or are not required to be listed.

CEPA - National Pollutant Release Inventory (NPRI)

Part 1A. (Diethanolamine). (2-Butoxyethanol)

Part 5. (2-Butoxyethanol)

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

SECTION 16. OTHER INFORMATION

NFPA Rating **Health - 0** **Flammability - 0** **Instability - 0**

Date of Preparation April 11, 2017

Date of Last Revision April 11, 2017

Revision Indicators Not applicable.

Key to Abbreviations ACGIH® = American Conference of Governmental Industrial Hygienists
AIHA® = AIHA® Guideline Foundation HSDB® = Hazardous Substances Data Bank
IARC = International Agency for Research on Cancer
NFPA = National Fire Protection Association NIOSH = National Institute for Occupational Safety and Health
NTP = National Toxicology Program
OSHA = US Occupational Safety and Health Administration
RTECS® = Registry of Toxic Effects of Chemical Substances

Disclaimer Information for this safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of this supplier, it is assumed that users of this material have been fully trained accordingly to the mandatory requirements of GHS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of, or reliance on, any information contained within this form.

Product Identifier: INO GLOSS 18, FLOOR DETERGENT NEUTRAL PH - Ver.

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Date of Last Revision: April 11, 2017

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Date of Last Revision: April 11, 2017

Page 07 of 07