SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product Name on Label: PROFESSIONALS CHOICE GLISTEN
Other Identification: NONE
Use of the substance/mixture: GLASS CLEANER
Company name: MOORE OIL COMPANY
4033 WEST CUSTER AVE
MILWAUKEE, WI 53209 (414) 462-3200
Emergency number: (800) 424-9300 - CHEMTREC

SECTION 2: Hazards identification

Classification of the substance or mixture: Acute toxicity (Oral): Category 1
Acute toxicity (Inhalation): Category 1
Serious eye damage: Category 1

Label elements:
Signal word: Danger
Other hazards:
Unknown acute toxicity (GHS-US):

SECTION 3: Composition/information on ingredients

Substance: Mixture

<table>
<thead>
<tr>
<th>NAME</th>
<th>PRODUCT IDENTIFIER</th>
<th>% BY WT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxy ethanol</td>
<td>111-76-2</td>
<td>23 - 28</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
<td>12 – 15</td>
</tr>
<tr>
<td>Nonylphenol polyethylene glycol ether</td>
<td>127087-87-0</td>
<td>&lt; 1</td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

Description of first aid measures

First-aid measures general
Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.

First-aid measures after inhalation
Consult a physician after significant exposure. If unconscious place in recovery position and seek medical advice.

First-aid measures after skin contact
If on skin, rinse well with water. If on clothes, remove clothes.

First-aid measures after eye contact
Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

First-aid measures after ingestion
Keep respiratory tract clear.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician

Most important symptoms and effects, both acute and delayed:
Indication of any immediate medical attention and special treatment needed:

SECTION 5: Fire-fighting measures
Suitable extinguishing media: Use an extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media: High volume water jet
Specific hazards during firefighting: Do not allow run-off from fire-fighting to enter drains or water courses.
Hazardous combustion products: Carbon oxides
Specific extinguishing methods: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Special protective equipment for firefighters: Wear self-contained breathing apparatus for fire-fighting if necessary.
NFPA Flammable and Combustible Liquids Classification: Flammable Liquid Class III

SECTION 6: Accidental release measures
Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas.
Environmental precautions: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.
Methods and material for containment and cleaning up: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage
Precautions for safe handling: Do not breathe vapors/dust. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. To avoid spills during handling keep bottle on a metal tray.
Dispose of rinse water in accordance with local and national regulations.
Conditions for safe storage, including any incompatibilities: No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully re-sealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards.
**SECTION 8: Exposure controls/personal protection**

Components with workplace control parameters

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Components</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>111-76-2</td>
<td>2-Butoxy ethanol</td>
<td>TWA</td>
<td>20 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>5 ppm 24 mg/m3</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>50 ppm 240 mg/m3</td>
<td>OSHA Z-1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>25 ppm 120 mg/m3</td>
<td>OSHA P0</td>
</tr>
<tr>
<td>67-63-0</td>
<td>Isopropyl alcohol</td>
<td>TWA</td>
<td>200 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>400 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>400 ppm 980 mg/m3</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ST</td>
<td>500 ppm 1225 mg/m3</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>400 ppm 980 mg/m3</td>
<td>OSHA Z-1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>400 ppm 980 mg/m3</td>
<td>OSHA P0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>500 ppm 1225 mg/m3</td>
<td>OSHA P0</td>
</tr>
<tr>
<td>25322-68-3</td>
<td>Polyethylene glycol</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td>US WEEL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Components</th>
<th>Control parameters</th>
<th>Biological specimen</th>
<th>Sampling Time</th>
<th>Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>111-76-2</td>
<td>2-Butoxy ethanol</td>
<td>Butoxyacetic acid (BAA)</td>
<td>Urine</td>
<td>End of shift (As soon as possible after exposure ceases)</td>
<td>200 mg/g Creatinine</td>
<td>ACGIH BEI</td>
</tr>
<tr>
<td>67-63-0</td>
<td>Isopropyl alcohol</td>
<td>Acetone</td>
<td>Urine</td>
<td>End of shift at end of work week</td>
<td>40 mg/l</td>
<td>ACGIH BEI</td>
</tr>
</tbody>
</table>

**Exposure controls**

Respiratory protection: No personal respiratory protective equipment normally required. In the case of vapor formation use a respirator with an approved filter.

Hand protection: The suitability for a specific workplace should be dis-cussed with the producers of the protective gloves.

Eye Protection: Eye wash bottle with pure water. Tightly fitting safety goggles. Wear face-shield and protective suit for abnormal processing problems.
Skin and body protection: impervious clothing. Choose body protection according to the amount and concentration of the dangerous substance at the workplace.

Hygiene Measures: When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

**SECTION 9: Physical and chemical properties**

- **Appearance:** liquid
- **Color:** BLUE
- **Odor:** alcohol-like
- **Odor Threshold:** No data available
- **Freezing Point (Melting point/freezing point):** No data available
- **Boiling Point (Boiling point/boiling range):** No data available
- **Flash point:** No data available
- **Flammability (solid, gas):** No data available
- **Upper explosion limit:** No data available
- **Vapor pressure:** No data available
- **Relative density:** No data available
- **Density:** No data available
- **Water solubility:** completely miscible
- **Partition coefficient:** n-octanol/water: No data available
- **Auto-ignition temperature:** No data available
- **Viscosity, dynamic:** No data available
- **Viscosity, kinematic:** No data available
- **pH:** No data available
- **Freezing Point:** No data available
- **Evaporation rate:** No data available
- **Burning rate:** No data available
- **Lower explosion limit:** No data available
- **Relative vapor density:** No data available (Air = 1.0)
- **Reference substance:** (water = 1)
- **Solubility in other solvents:** No data available

**SECTION 10: Stability and reactivity**

- **Reactivity:** No dangerous reaction known under conditions of normal use.
- **Chemical stability:** Stable under normal conditions
- **Possibility of hazardous reactions:** No hazards to be specially mentioned.
- **Conditions to avoid (e.g., static discharge, shock, or vibration):** Keep away from heat, flame, sparks and other ignition sources.
- **Incompatible materials:** Strong oxidizing agents
- **Hazardous decomposition products:**

**SECTION 11: Toxicological information**

- **Acute toxicity**
  - **Components:** 67-63-0:
  - **Species:** Rabbit
  - **Result:** Mild skin irritation
  - **LD50 (Rat):** 5,045 mg/kg
  - **Acute oral toxicity:** Serious eye damage/eye irritation
  - **LC50 (Rat):** 16000 ppm
  - **Acute inhalation toxicity:** Irritating to eyes.
  - **Acute dermal toxicity:** Irritating to eyes.
  - **LD50 (Rabbit):** 12,800 mg/kg
  - **Skin corrosion/irritation**
  - **Product:** Irritating to skin.
  - **Components:** Germ cell mutagenicity
  - **Components:**
67-63-0:
Genotoxicity in vitro:
Test Type: Ames test
Test species: Salmonella typhimurium
Result: negative
Genotoxicity in vivo:
Test Type: In vivo micronucleus test
Test species: Mouse
Method: OECD Test Guideline 474
Result: negative
Germ cell mutagenicity- Assessment:
Did not show mutagenic effects in animal experiments.
Carcinogenicity
Components:
67-63-0:
Species: Rat
NOAEL: 5,000 ppm
Method: OECD Test Guideline 451
Carcinogenicity - Assessment:
Not classifiable as a human carcinogen.
Reproductive toxicity
Components:
67-63-0:
Reproductive toxicity - Assessment:
Animal testing did not show any effects on fertility.
Did not show teratogenic effects in animal experiments.
STOT - single exposure
Product: No data available
Components:
67-63-0: Exposure routes: Target Organs:
Assessment: Remarks:
Inhalation
Central nervous system
May cause drowsiness or dizziness. The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.
STOT - repeated exposure
Product: No data available
Components:
67-63-0: No data available
Aspiration toxicity
Product:
No aspiration toxicity classification
Further information
Product:
Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting., Concentrations substantially above the TLV value may cause narcotic effects., Solvents may degrease the skin.
Product:
Acute oral toxicity:
LD50 (Rat): 960 - 3,980 mg/kg
Assessment: The component/mixture is moderately toxic after single ingestion.
Acute inhalation toxicity:
LC50 (Rat): 1.15 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Assessment: The component/mixture is moderately toxic after short term inhalation.
Acute dermal toxicity:
LD50 (Rabbit): 2,000 - 2,991 mg/kg
Assessment: The component/mixture is low toxic after single contact with skin.
Components:
127087-87-0:
Acute oral toxicity: LD50 (Rat): 3,980 mg/kg
Acute inhalation toxicity: Remarks: No data available
Acute dermal toxicity: LD50 (Rabbit): 2,573 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity
25322-68-3:
Acute oral toxicity: LD50 (Rat): > 5,000 mg/kg
Acute inhalation toxicity: LC50 (Rat): > 2.5 mg/l
Exposure time: 6 h
Test atmosphere: dust/mist
Assessment: The substance or mixture has no acute inhalation toxicity
Acute dermal toxicity: LD50 (Rabbit): > 5,000 mg/kg
9014-93-1:
Acute oral toxicity: Remarks: No data available
Acute inhalation toxicity: Remarks: No data available

Acute dermal toxicity: Remarks: No data available

Skin corrosion/irritation

Product:
Result: No skin irritation
Components:
127087-87-0:
Species: Rabbit
Result: Irritating to skin.
25322-68-3:
Remarks: No data available
9014-93-1:
Remarks: No data available

Serious eye damage/eye irritation

Product:
Result: Risk of serious damage to eyes.
Components:
127087-87-0:
Species: Rabbit
Result: Irritating to eyes.
25322-68-3:
Species: Rabbit
Result: No eye irritation
9014-93-1:
Species: Rabbit
Result: Irritating to eyes.
Respiratory or skin sensitization

Product:
Species: Humans
Result: Did not cause sensitization on laboratory animals.
Components:
127087-87-0:
Species: Guinea pig
Result: Did not cause sensitization on laboratory animals.
25322-68-3:
Species: Guinea pig
Method: OECD Test Guideline 406
Result: Does not cause skin sensitization.
9014-93-1:
Remarks: No data available

Germ cell mutagenicity

Components:
127087-87-0:
Genotoxicity in vitro:
Remarks: No data available
Germ cell mutagenicity- Assessment:
Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
25322-68-3:
Genotoxicity in vitro:
Test Type: Ames test
Test species: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Result: negative
Germ cell mutagenicity- Assessment:
Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
9014-93-1:
Genotoxicity in vitro:
Remarks: No data available
Germ cell mutagenicity- Assessment:
Mutagenicity classification not possible from current data
Carcinogenicity

Components:
127087-87-0:
Remarks: This information is not available.
Carcinogenicity - Assessment:
No evidence of carcinogenicity in animal studies.
25322-68-3:
Remarks: This information is not available.
Carcinogenicity - Assessment:
Animal testing did not show any carcinogenic effects.
9014-93-1:
Remarks: This information is not available.
Carcinogenicity - Assessment:
Carcinogenicity classification not possible from current data.
Reproductive toxicity

Components:
127087-87-0:
Effects on fertility:
Remarks: No data available
Effects on fetal development:
Remarks: No data available
Reproductive toxicity - Assessment:
No evidence of adverse effects on sexual function and fertility, or on development, based on animal experiments.

25322-68-3:
Effects on fertility:
Test Type: Three-generation study
Species: Rat, male and female
Application Route: oral
Dose: 0, 15, 59, 270, 1690 mg/kg bw
General Toxicity - Parent: NOAEL: 60 mg/kg bw
Result: No reproductive effects.
Effects on fetal development: Species: Rat
Application Route: oral
Dose: 1500-5000 mg/kg bw d
Duration of Single Treatment: 9 d
Teratogenicity: NOAEL: 1,500 mg/kg bw
Reproductive toxicity - Assessment: No toxicity to reproduction
Did not show teratogenic effects in animal experiments.

9014-93-1:
Effects on fertility: Remarks: No data available
Effects on fetal development: Remarks: No data available
Reproductive toxicity - Assessment: Fertility classification not possible from current data.
Embryotoxicity classification not possible from current data.
STOT - single exposure
Product: No data available
Components:
127087-87-0: No data available
25322-68-3: No data available
9014-93-1: No data available
Repeated dose toxicity
Components:
127087-87-0:
Species: Rat
Application Route: Oral
Exposure time: 2 y
Dose: 200
Remarks: No adverse effect has been observed in chronic toxicity tests.
25322-68-3:
Species: Dog, male and female
NOAEL: 500 mg/kg
Application Route: Oral
Exposure time: 1 yr
Number of exposures: daily
Dose: 0, 500 mg/kg
9014-93-1:
Remarks: This information is not available.
Aspiration toxicity
Product:
No aspiration toxicity classification
Components:
25322-68-3:
No aspiration toxicity classification
Further information
Product:
Remarks: No data available
Components:
111-76-2:
Acute oral toxicity:
LD50 (Rat): 745 mg/kg
Assessment: The component/mixture is moderately toxic after single ingestion.
Acute inhalation toxicity:
LC50 (Rat): 550 ppm
Exposure time: 4 h
Assessment: The component/mixture is moderately toxic after short term inhalation.
Acute dermal toxicity:
LD50 (Rat): 1,250 mg/kg
Assessment: The component/mixture is moderately toxic after single contact with skin.
Skin corrosion/irritation
Components:
111-76-2:
Species: Rabbit
Result: Irritating to skin.
Serious eye damage/eye irritation
Components:
111-76-2:
Species: Rabbit
Result: Irritating to eyes.
Respiratory or skin sensitization
Components:
111-76-2:
Test Type: Maximization test
Species: Guinea pig
Result: Did not cause sensitization on laboratory animals.
Germ cell mutagenicity
Components:
111-76-2:
Genotoxicity in vitro:
Test Type: Mammalian cell gene mutation assay
Test species: Chinese hamster ovary (CHO)
Metabolic activation: with and without metabolic activation
Result: negative
Genotoxicity in vivo:
Test Type: In vivo micronucleus test
Test species: Mouse (male)
Application Route: Intraperitoneal
Result: negative
Germ cell mutagenicity - Assessment:
Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
Carcinogenicity
Components:
111-76-2:
Species: Mouse
Application Route: Inhalation
Exposure time: 2 yr
Activity duration: 6 h
Frequency of Treatment: 5 days/week
NOAEL: 125 ppm
Result: Limited evidence of carcinogenic effects with no relevance to humans
Carcinogenicity - Assessment:
Not classifiable as a human carcinogen.
Reproductive toxicity
Components:
111-76-2:
Effects on fertility:
Test Type: Two-generation study
Species: Mouse
Application Route: oral
Fertility: NOAEL: 720 mg/kg body weight
Symptoms: Reduced fertility
Result: Reduced fertility at maternally toxic doses
Effects on fetal development:
Test Type: Embryo-fetal development
Species: Rat
Application Route: Inhalation
Duration of Single Treatment: 10 d
Frequency of Treatment: 6 hr/day
Developmental Toxicity: Lowest observed adverse effect level: 100 ppm
Result: Developmental toxicity occurred at maternal toxicity dose levels
Reproductive toxicity - Assessment:
No evidence of adverse effects on sexual function and fertility, or on development, based on animal experiments.
STOT - single exposure
Product: No data available
Components:
111-76-2: No data available
STOT - repeated exposure
Product: No data available
Components:
111-76-2: No data available
Repeated dose toxicity
Components:
111-76-2:
Species: Rat
NOAEL: 30
Application Route: Inhalation
Exposure time: 14 wk
Number of exposures: 6 h/d, 5 d/wk
Aspiration toxicity: Further information
Components: Product: Remarks: 111-76-2: No data available

**SECTION 12: Ecological information**

**Ecotoxicity**

Components:

- **127087-87-0:**
  - Toxicity to fish: Remarks: No data available
  - Toxicity to daphnia and other aquatic invertebrates: Remarks: No data available
  - Toxicity to algae: Remarks: No data available
  - Ecotoxicology Assessment: Acute aquatic toxicity: Toxic to aquatic life. Chronic aquatic toxicity: Toxic to aquatic life with long lasting effects.
- **25322-68-3:**
  - Toxicity to fish: LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l
  - Exposure time: 96 h
  - Test Type: static test
  - Toxicity to daphnia and other aquatic invertebrates: LC50 (Daphnia magna (Water flea)): > 100 mg/l
  - Exposure time: 48 h
  - Toxicity to algae: EC50 (Skeletonema costatum): > 100 mg/l
  - Exposure time: 72 h
  - Test Type: Growth inhibition
- **9014-93-1:**
  - Toxicity to fish: Remarks: No data available
  - Toxicity to daphnia and other aquatic invertebrates: Remarks: No data available
  - Toxicity to algae: Remarks: No data available
  - Ecotoxicology Assessment: Acute aquatic toxicity: Harmful to aquatic life. Chronic aquatic toxicity: Harmful to aquatic life with long lasting effects.
- **111-76-2:**
  - Toxicity to fish: LC50 (Oncorhynchus mykiss (rainbow trout)): 1,474 mg/l
  - Exposure time: 96 h
  - Test Type: static test
  - Method: OECD Test Guideline 203
  - GLP: no
  - Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna (Water flea)): 1,800 mg/l
  - Exposure time: 48 h
  - Test Type: static test
  - Method: OECD Test Guideline 202
  - GLP: no
  - Toxicity to algae: EC50 (Pseudokirchneriella subcapitata (green algae)): 911 mg/l
  - End point: Biomass
  - Exposure time: 72 h
  - Test Type: static test
  - Analytical monitoring: yes
  - Method: OECD Test Guideline 201
  - GLP: no
  - Components: 67-63-0:
  - Toxicity to fish: LC50 (Pimephales promelas (fathead minnow)): > 1,000 mg/l
  - Exposure time: 96 h
  - Toxicity to daphnia and other aquatic invertebrates:
  - LC50 (Daphnia magna (Water flea)): > 100 mg/l
  - Exposure time: 48 h
  - Toxicity to algae:
  - Remarks: No data available

**Persistence and degradability**

Components:

- **111-76-2:**
  - Biodegradability: aerobic
  - Inoculum: Activated sludge, domestic, adaption not specified
  - Result: Readily biodegradable
  - Biodegradation: 90.4 %
  - Exposure time: 28 d
  - Method: OECD Test Guideline 301B
  - GLP: no
- **127087-87-0:**
  - Biodegradability: Result: Not readily biodegradable.
  - Biodegradation: < 60 %
  - Exposure time: 28 d
  - Method: OECD Test Guideline 301B
25322-68-3: Biodegradability: Result: Readily biodegradable
Biodegradation: 90 % Exposure time: 28 d Method: OECD Test Guideline 301F
Chemical Oxygen Demand (COD): 0.00182 mg/g
Theoretical Oxygen Demand (ThOD): 0.00177 mg/g
9014-93-1: Biodegradability: Remarks: No data available

Bioaccumulative potential
Components:
111-76-2: Partition coefficient: n-octanol/water: log Pow: 0.83
Mobility in soil No data available Other adverse effects No data available

Product:
Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Sub-stances
Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
Additional ecological information An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Toxic to aquatic life with long lasting effects.
Toxicity to fish: LC50 (Pimephales promelas (fathead minnow)): 3.8 - 6.2 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates: (Daphnia magna (Water flea)): 9.3 - 21.4 mg/l Exposure time: 48 h
Method: OECD Test Guideline 202
25322-68-3: Partition coefficient: n-octanol/water: Pow: 0.2 (30 °C) pH: 6.44
Mobility in soil No data available Other adverse effects No data available

SECTION 13: Disposal considerations
Waste from residues: Dispose of in accordance with all applicable local, state and federal regulations.
Contaminated packaging: Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

SECTION 14: Transport information
UN number: 1219
UN proper shipping name: Isopropanol Alcohol Solution
Transport hazard class(es): 3
Packing group, if applicable: II
Environmental hazards (e.g., Marine pollutant (Yes/No)): No.
Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): n/a
Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises:

SECTION 15: Regulatory information
US Federal Regulations:
OSHA Hazards: Combustible Liquid, Harmful by inhalation., Harmful by ingestion., Harmful by skin absorption, Moderate skin irritant, Moderate eye irritant
WHMIS Classification: B3: Combustible Liquid
D1A: Very Toxic Material Causing Immediate and Serious Toxic Effects
D2B: Toxic Material Causing Other Toxic Effects
EPCRA - Emergency Planning and Community Right-to-Know Act
CERCLA Reportable Quantity
This material does not contain any components with a CERCLA RQ.
SARA 304 Extremely Hazardous Substances Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.
SARA 311/312 Hazards: Fire Hazard
Immediate (Acute) Health Hazard
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
The following components are subject to reporting levels established by SARA Title III, Section 313:
111-76-2
2-Butoxy ethanol
100 %
Clean Air Act
This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).
The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC’s (40 CFR 60.489):
111-76-2 2-Butoxy ethanol 100 %
Clean Water Act
This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.
This product does not contain any Hazardous Chemicals listed under the U.S. Clean-Water Act, Section 311, Table 117.3.
This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307
US State Regulations
Massachusetts Right To Know 111-76-2 2-Butoxy ethanol 90 - 100 %
Pennsylvania Right To Know 111-76-2 2-Butoxy ethanol 90 - 100 %
New Jersey Right To Know 111-76-2 2-Butoxy ethanol 90 - 100 %
California Prop 65 This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
The components of this product are reported in the following inventories:
United States TSCA Inventory: y
Canadian Domestic Substances List (DSL): y
Australia Inventory of Chemical Substances (AICS): y
New Zealand. Inventory of Chemical Substances: y
Japan. ENCS - Existing and New Chemical Substances Inventory: y
Korea. Korean Existing Chemicals Inventory (KECI): y
Philippines Inventory of Chemicals and Chemical Substances (PICCS): y
China. Inventory of Existing Chemical Substances in China (IECSC): y
SECTION 16: Other information
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