

# SAFETY DATA SHEET

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## SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

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**Product ID:** 272103  
**Product Name:** The Boss  
**Revision Date:** Oct 02, 2018 **Date Printed:** Oct 03, 2018  
**Version:** 2.0 **Supersedes Date:** Nov 18, 2016  
**Manufacturer's Name:** ZENEX International  
**Address:** One Zenex Circle Cleveland, OH, US, 44146  
**Emergency Phone:** 1-800-535-5053  
**Information Phone Number:** (440) 232-4155  
**Fax:**  
**Product/Recommended Uses:** Glass Cleaner

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## SECTION 2) HAZARDS IDENTIFICATION

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### Classification

Not classified

### Pictograms

None

### Signal Word

No signal word available.

### Precautionary Statements - General

No precautionary statement available.

### Precautionary Statements - Prevention

No precautionary statement available.

### Precautionary Statements - Response

No precautionary statement available.

### Precautionary Statements - Storage

No precautionary statement available.

### Precautionary Statements - Disposal

No precautionary statement available.

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## SECTION 3) COMPOSITION, INFORMATION ON INGREDIENTS

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This product, and its ingredients at their concentrations, are not classified as hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

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## SECTION 4) FIRST-AID MEASURES

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### Inhalation

No ill effects expected. If exposed/feel unwell/concerned: Get medical attention.

### **Eye Contact**

Wash immediately with large volumes of fresh water for at least 15 minutes. If eye irritation persists: Get medical attention.

### **Skin Contact**

No ill effects expected. If skin irritation occurs, rinse with plenty of water. Get medical advice/attention.

### **Ingestion**

Rinse mouth. Give two glasses of water. If you feel unwell or if concerned: Get medical attention. Do NOT induce vomiting unless under the advice of doctor or POISON CENTER. Note: Never give anything by mouth to an unconscious or convulsing victim. Keep person warm and quiet.

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## **SECTION 5) FIRE-FIGHTING MEASURES**

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### **Suitable Extinguishing Media**

Will not burn. Use extinguishing media suitable for surrounding fire.

### **Unsuitable Extinguishing Media**

None known.

### **Fire-Fighting Procedures**

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

### **Special Protective Actions**

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

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## **SECTION 6) ACCIDENTAL RELEASE MEASURES**

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### **Emergency Procedure**

Spill area may be slippery. Pick up with mop or wet vac. Rinse spill area with water.

### **Recommended Equipment**

Wear appropriate protective equipment (see Section 8).

### **Personal Precautions**

Wear safety glasses and gloves when handling large volumes.

### **Environmental Precautions**

Stop spill/release if it can be done safely.

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## **SECTION 7) HANDLING AND STORAGE**

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### **General**

Do not get in eyes.  
Use good personal hygiene practices.  
Eating, drinking and smoking in work areas is prohibited.

### **Ventilation Requirements**

Use in a well-ventilated place.

### **Storage Room Requirements**

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight and incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Containers that have been opened must be carefully resealed to prevent leakage.

Store at temperatures under 120°F.

FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY. FOR USE BY TRAINED PERSONNEL ONLY. KEEP FROM FREEZING.

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## **SECTION 8) EXPOSURE CONTROLS, PERSONAL PROTECTION**

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### **Eye Protection**

Safety glasses with side shields should be used if indicated. Eye wash and safety showers in the workplace are recommended.

### Skin Protection

Wear protective gloves if handling large volumes or for prolonged periods.

### Respiratory Protection

Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor.

### Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (ppm)	OSHA STEL (mg/m3)	OSHA Tables (Z1, Z2, Z3)	OSHA Carcinogen	OSHA Skin designation	NIOSH TWA (ppm)	NIOSH TWA (mg/m3)	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	NIOSH Carcinogen
No applicable chemical	-	-	-	-	-	-	-	-	-	-	-	-

Chemical Name	ACGIH TWA (ppm)	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)
No applicable chemical	-	-	-	-

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## SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

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### Physical and Chemical Properties

Density	8.30000 lb/gal
Density VOC	0.24900 lb/gal
% VOC	3.00000%

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Appearance	Orange liquid
Odor Threshold	N.A.
Odor Description	Orange
pH	10
Water Solubility	N.A.
Flammability	Will not burn
Flash Point	N.A.
Viscosity	N.A.
Lower Explosion Level	N.A.
Upper Explosion Level	N.A.
Vapor Pressure	N.A.
Vapor Density	N.A.
Melting Point	N.A.
Freezing Point	N.A.
Low Boiling Point	N.A.
High Boiling Point	N.A.
Decomposition Pt	N.A.
Auto Ignition Temp	N.A.
Evaporation Rate	N.A.
VOC Composite Partial Pressure	N.A.

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## SECTION 10) STABILITY AND REACTIVITY

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### Stability

Stable.

### Conditions to Avoid

None.

### Incompatible Materials

None known.

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**Hazardous Reactions/Polymerization**

Will not occur.

**Hazardous Decomposition Products**

None known.

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**SECTION 11) TOXICOLOGICAL INFORMATION**

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**Skin Corrosion/Irritation**

No data available

**Serious Eye Damage/Irritation**

No data available

**Carcinogenicity**

No data available

**Germ Cell Mutagenicity**

No data available

**Reproductive Toxicity**

No data available

**Respiratory/Skin Sensitization**

No data available

**Specific Target Organ Toxicity - Single Exposure**

No data available

**Specific Target Organ Toxicity - Repeated Exposure**

No data available

**Aspiration Hazard**

No data available

**Acute Toxicity**

No data available

**Potential Health Effects - Miscellaneous**

0000067-63-0 ISOPROPYL ALCOHOL

The following medical conditions may be aggravated by exposure: dermatitis, respiratory disease. Developmental toxicity was seen in rat's offspring at doses that were maternally toxic. Contact will cause moderate to severe redness and swelling, itching, tingling sensation, painful burning. May cause injury to the cornea of the eyes. Prolonged or repeated exposure may cause damage to any of the following organs/systems: liver. Ingestion studies on laboratory animals showed that very high oral doses caused increased liver and kidney weights.

0000111-76-2 ETHYLENE GLYCOL MONOBUTYL ETHER

Can be absorbed through the skin in harmful amounts. May cause injury to the kidneys, liver, blood and/or bone marrow. Repeated overexposure may result in damage to the blood. Eye contact may cause corneal injury. Has been toxic to the fetus in laboratory animals at doses that are toxic to the mother.

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**SECTION 12) ECOLOGICAL INFORMATION**

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**Toxicity**

No data available

**Persistence and Degradability**

No data available.

**Bio-Accumulative Potential**

No data available.

**Mobility in Soil**

No data available.

**Other Adverse Effects**

No data available.

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**SECTION 13) DISPOSAL CONSIDERATIONS**

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**Waste Disposal**

Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws.

Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

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**SECTION 14) TRANSPORT INFORMATION**

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**U.S. DOT Information**

UN number: Not Regulated

Proper shipping name: N/A

Hazard class: Not Applicable

Packaging group: Not Applicable

Hazardous substance (RQ): No Data Available

Toxic-Inhalation Hazard: No Data Available

Marine Pollutant: No Data Available

Note / Special Provision: No Data Available

**IMDG Information**

UN number: Not Regulated

Proper shipping name: N/A

Hazard class: Not Applicable

Packaging group: Not Applicable

Marine Pollutant: No Data Available

Note / Special Provision: No Data Available

**IATA Information**

UN number: Not Regulated

Hazard class: Not Applicable

Packaging group: Not Applicable

Proper shipping name: N/A

Note / Special Provision: No Data Available

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**SECTION 15) REGULATORY INFORMATION**

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CAS	Chemical Name	% By Weight	Regulation List
0000067-63-0	ISOPROPYL ALCOHOL	0.2% - 4%	SARA312,SARA313,VOC,TSCA,ACGIH,OSHA
0000111-76-2	ETHYLENE GLYCOL MONOBUTYL ETHER	0.1% - 2%	CERCLA,SARA312,SARA313,VOC,TSCA,ACGIH,OSHA

## SECTION 16) OTHER INFORMATION

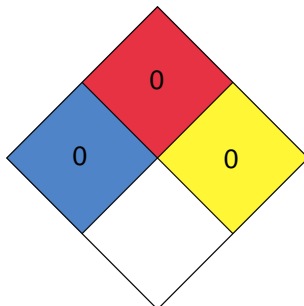
### Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

#### HMIS

Health	/	0
FLAMMABILITY		0
Physical Hazard		0

#### NFPA



(\* ) - Chronic effects

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

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