



SAFETY DATA SHEET

Manufacturer; NuSheen Products Company
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Cincinnati, Ohio 45223
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Date 4-8-2015
Preparer: Ted Korzep

24 Hour Transportation Emergency # 1-800-535-5053

Product Name: Freezer Cleaner
Label Name: NuSheen
Product # 110

Product Use: Cleaning product.
Use only for the purpose on the label

Section 2 - Hazards Identification

PRODUCT AS SOLD

Classification: Serious eye damage\ eye irritation – Category 2B
Flammable Liquids – Category 3
Signal word: WARNING

PRODUCT AT USE DILUTION

Not classified
No signal word



Hazard statement: Flammable Liquid and vapor.
Causes eye irritation.

Hazard Prevention: Keep away from heat, sparks, open flames and hot surfaces. NO SMOKING. Keep container tightly closed.

Skin: May aggravate skin disorders
Eyes: Irritation or burning sensation and clouding.
Inhalation: This product may cause irritation to the nose, throat respiratory tract.
Ingestion: This product may cause irritation or burning to the gastrointestinal tract. Exposure characterized by nausea, vomiting, diarrhea, abdominal pain

No known significant effects or critical hazards
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Section 3- Composition – information on ingredients

PRODUCT AS SOLD

Chemical Name	CAS#	WT%	PEL	TLV	Carcinogen
2-Butoxyethanol	111-76-2	10-15	25ppm	25ppm	No
Isopropyl Alcohol	67-63-0	5-10			
Ethanolamine	141-43-5	0-5			
Diethylene Glycol Monoethylether	111-90-0	0-5			

Within the present knowledge of the manufacturer, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

Section 4 - First Aid Procedures

PRODUCT AS SOLD

Skin: No known effect after skin contact. Wash with water for a few minutes
Eyes: Check and remove contact lenses. Flush eyes with large quantities of water for at least 15 min while holding eyelids open. Seek an eye specialist immediately.
Inhalation: No special measures required
Ingestion: If swallowed drink large quantities of water. Induce vomiting. Get medical attention

PRODUCT AT USE DILUTION

No known effect after skin contact. Wash with water for a few minutes
No known effects after eye contact. Wash with water for a few minutes
No special measures required.
Get medical attention if symptoms occur.

Section 5 – Fire-fighting measures**PRODUCT AS SOLD**

Suitable fire extinguishing media:	Use water spray, fog or foam.
Special fire-fighting hazards:	Container may burst if heated. Vapors may become combustible when heated.
Specific fire-fighting methods:	Move containers from fire area if this can be done without risk. Use water spray to keep containers cool.
Special equipment needed:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus(SCBA) with a full face-piece operated in positive pressure mode.
Hazardous decomposition products:	Decomposition products may include the following materials; carbon dioxide gases

Section 6 - Accidental Release Measures**PRODUCT AS SOLD**

Emergency actions:	Isolate spill or leak area immediately. Keep unauthorized personnel away, ventilate closed spaces.
Personal Precautions:	Wear protective clothing, rubber boots, gloves apron and face shield
Clean up Methods:	Dike area to contain spill. Mop up or squeegee material to drain or use absorbent material and place in plastic container for disposal. Rinse area with large quantities of water.
Environmental Precautions:	Dike large spills to avoid runoff from entering waterways.

Section 7 - Handling and Storage**PRODUCT AS SOLD**

Handling:	Eliminate all ignitions sources. Avoid contact with skin and eyes. Wash thoroughly after handling this product.
Storage:	Keep out of reach of children. Keep container closed. Keep away from heat sparks and flame.

PRODUCT AT USE DILUTION

Wash thoroughly after handling
Keep out of reach of children

Section 8 – Exposure controls/personal protection**PRODUCT AS SOLD**

Engineering Controls:	Provide adequate local exhaust ventilation, eye wash fountains and emergency showers.
Eyes:	Use chemical splash goggles or face shield.
Hands:	Use chemical resistant gloves
Skin:	Use rubber apron, other protective equipment to prevent skin contact.

PRODUCT AT USE DILUTION

No protective equipment needed.
No protective equipment needed.
No protective equipment needed.

Control parameters

Isopropyl Alcohol	ACGIH TLV	STEL: 400 ppm 15 minutes	TWA: 200 ppm 8 hours
	OSHA PEL	TWA: 400 ppm 8hours	
	NIOSH	STEL: 500 ppm 15 minutes	TWA: 400 ppm 10 hours

Section 9 - Physical Data

Physical state:	Liquid	Density:	1.008
Appearance:	Clear red	Flash Point:	67F (cc)
Odor:	Solvent odor	Boiling Point:	212 F
PH:	11.2-11.8	Melting point:	Not available
Solubility	100%	Vapor pressure:	(mmHg) 22
Explosion limits:	Not applicable	Vapor density:	(air=1) 2.2
Partition coefficient:	Not available	Auto-ignition temp	Not available
Decomposition Temp	Not available	Flammability	Not available
Odor threshold	Not available	Viscosity	Not available

Section 10 - Reactivity Data**PRODUCT AS SOLD**

Stability:	This product is stable. Under normal storage and use, hazardous polymerization will not occur.		
Reactivity:	Under normal storage conditions and use, hazardous reactions will not occur.		
Hazardous Polymerization:	Will not occur	Hazardous decomposition products:	Will not occur
Conditions to avoid:	None	Materials to avoid:	Acids

Section 11 - Toxicological Data**Route of exposure:** Skin contact, eye contact, inhalation, ingestion**Potential acute health effects****Eyes:** Adverse conditions may include; irritation, watering, redness**Skin:** No specific data.**Ingestion:** No specific data.**Inhalation:** No specific data.**Toxicity data**

Not Identified

Chronic toxicity**Carcinogenicity** No known significant effects or critical hazards**Mutagenicity** No known significant effects or critical hazards**Toxicity Data**

Isopropanol	LC50 Inhalation vapor / rat	23000mg/kg
	LD50 Dermal / rabbit	4710 mg / kg
	LD50 Dermal / rat	1025 mg /kg

Section 12 - Ecological Data**Ecotoxicity** – This material is toxic to aquatic life.**Other adverse effects:** No known significant effects or critical hazards**Section 13 - Disposal Considerations****Product disposal:** Attempt to use product completely in accordance with intended use.**Container Disposal:** Do not re-use empty container. Dispose of in accordance with all Federal, State and local laws.**Section 14 - Transportation Information****DOT Classification:** Not regulated**DOT Proper Shipping Name:** Not regulated**Class:** Not regulated**Packing Group:** Not regulated**Section 15 - Regulatory Information**

The Following Information is based on national regulations.

TSCA: All ingredients used in the make up of this product are listed on TSCA**CERCLA/SUPER FUND:** This product does not contain any reportable quantity.**SARA Title III, Section 302, Extremely Hazardous Substances, 40CFR 355:** This product does not contain any Extremely Hazardous Substance.**SARA Title III, Sections 311 and 312, material Safety Data Sheets Requirements, 40CFR370:** Immediate (Acute) Health Hazard.**SARA Title III, Section 313, List of Toxic Chemicals, 40CFR 372:** Does not contain any substance listed under this regulation.**State Right to Know Laws (Reportable Chemicals):** Does not contain reportable substances.**Section 16 - Other Information**

HAZARD RATINGS	HMIS	NFPA
Health	1	1
Flammability	1	1
Reactivity	0	0
PPE	B	

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