



SAFETY DATA SHEET

Manufacturer; NuSheen Products Company
3330 Beekman St.
Cincinnati, Ohio 45223
513-541-2225

Date 4-2-2015
Preparer: Ted Korzep
24 Hour Transportation Emergency # 1-800-535-5053

Product Name: Lime & Scale Remover
Label Name: NuSheen
Product # 150

Product Use: Delimer
Use only for the purpose on the label

Section 2 - Hazards Identification

PRODUCT AS SOLD

Classification: Skin Corrosion/Irritation – Category 1A
Serious Eye Damage/Irritation – Category 1

Signal Word: DANGER



Hazard Statement: Causes severe skin burns and eye damage.

Skin: Cause's severe skin burning/irritation.
Eyes: Cause's serious eye damage
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

PRODUCT AT USE DILUTION

Not classified
WARNING

Causes severe skin burns and eye damage

Cause's severe skin burning/irritation.
Cause's serious eye damage.
This product may cause irritation to the nose, throat respiratory tract.
This product may cause irritation or burning to the gastrointestinal tract. Exposure characterized by nausea, vomiting, diarrhea, abdominal pain.

Section 3- Composition – information on ingredients

PRODUCT AS SOLD

Chemical Name	CAS#	WT%	PEL	TLV	Carcinogen
Hydrochloric Acid	7647-01-0	10-20			No
Phosphoric Acid	7664-38-2	0-10			No

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

Section 4 - First Aid Procedures

PRODUCT AS SOLD

Eyes; In case of contact, immediately flush eyes with cool water. Remove contact lenses and continue flushing with water for 15 minutes. Get medical attention immediately.
Skins: In case of contact, immediately flush skin with water for 15 minutes. Remove contaminated clothing and wash before reuse. Get medical attention immediately.
Inhalation: If inhaled, remove to fresh air. If exposed person is not breathing, give artificial respiration or oxygen. Get medical attention immediately.
Ingestion: If swallowed, give small quantities of water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

PRODUCT AT USE DILUTION

Same as "PRODUCT AS SOLD"
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Same as "PRODUCTS AS SOLD"
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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.
Hazardous decomposition products:	Decomposition products may include the following materials oxides of nitrogen and ammonia
Special protective equipment:	Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus with a full face-piece operated in positive pressure mode.

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

Personal Precautions:	Isolate spill or leak area immediately. Keep unauthorized personnel away. Ensure adequate ventilation. 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:	Avoid contact with skin and eyes or clothing. Wash thoroughly after handling this product. DO NOT MIX with bleach or other chlorinated products. Use only with adequate ventilation
Storage:	Keep out of reach of children. Keep container closed

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

Provide adequate ventilation.

Use splash guard or face shield.

Use chemical resistant gloves.

Use rubber apron.

Section 9 - Physical Data

Physical state:	Liquid	Density:	1.116
Appearance:	Brown	Flash Point:	> 100C
Odor:	Slight pungent odor	Boiling Point:	200F
PH:	1	Melting point:	Not available
Solubility	100%	Vapor pressure:	(mmHg) 34.5
Explosion limits:	Not applicable	Vapor density:	(air=1) 3.5
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:	Hydrogen or chlorine gas
Conditions to avoid:	None	Materials to avoid:	Aluminum, strong oxidizers

Section 11 - Toxicological Data**Route of exposure:** Skin contact, eye contact, inhalation, ingestion**Potential acute health effects****Eyes:** Corrosive to the eyes. May cause blindness**Skin:** Corrosive to the skin. May cause permanent skin damage**Ingestion:** Causes burns to the mouth, throat and stomach.**Inhalation:** Corrosive to the respiratory system.**Toxicity data**

Not available

Chronic toxicity**Carcinogenicity** No known significant effects or critical hazards**Mutagenicity** No known significant effects or critical hazards**Section 12 - Ecological Data****Ecotoxicity** – Not available.**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:** NA 1789**DOT Proper Shipping Name:** Compound, cleaning liquid, (hydrochloric acid, phosphoric acid)**Class:** 8**Packing Group:** II**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:** Hydrochloric acid**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	3	3
Flammability	0	0
Reactivity	1	2
PPE	B	

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