



SAFETY DATA SHEET

Manufacturer; NuSheen Products Company
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Cincinnati, Ohio 45223
513-541-2225

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Preparer: Ted Korzep

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

Product Name: H.D. Liquid Laundry Detergent
Label Name: NuSheen
Product # 160

Product Use: Laundry Detergent.
Use only for the purpose on the label

Section 2 - Hazards Identification

PRODUCT AS SOLD

Classification: Eye and skin irritant – Category 2B
Signal word: WARNING



Hazard statement: May cause skin and eye irritation.

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

PRODUCT AT USE DILUTION

Not classified
No signal word

No known significant effects or critical hazards
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No known significant effects or critical hazards

Section 3- Composition – information on ingredients

PRODUCT AS SOLD

Chemical Name	CAS#	WT%	PEL	TLV	Carcinogen
Water	7732-18-5	to 100			
Anionic surfactant	27176-87-0	0-10	n/a	n/a	No
Sodium Hydroxide	1310-73-2	0-5	n/a	n/a	No
Nonionic Surfactant	9016-45-9	15-20	n/a	n/a	No
EDTA	5064-31-3	0-5	n/a	n/a	No
IPA		0-5	n/a	n/a	No
D limonene		0-5	25ppm	25ppm	No

Within the present knowledge of the manufacturer, this product or any of its ingredients are not listed by OSHA, NTP or IARC as a carcinogen or potential carcinogen, nor do they have established OSHA PELs or ACGIH TLVS.

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. This product is toxic to aquatic life.
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:	Avoid contact with skin and eyes. Wash thoroughly after handling this product.
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

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

Section 9 - Physical Data

Physical state:	Liquid	Density:	1.071
Appearance:	Red	Flash Point:	> 100C
Odor:	Orange Fragrance	Boiling Point:	214F
PH:	10.5-11.0	Vapor pressure:	(mmHg) 20
Explosion limits:	Not applicable	Vapor density:	(air=1) 1.5
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 ⁷		
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:	None

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

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: Compound, cleaning liquid, NOS
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	0
Flammability	0	0
Reactivity	0	0
PPE	A	

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