

SAFETY DATA SHEET



Date Prepared : 09/21/2015
 SDS No : HD HOT TANK POWDER NF
 Date Revised : 03/30/2021
 Revision No : 1

1. PRODUCT AND COMPANY IDENTIFICATION

GENERAL USE: 208-375-7200
PRODUCT DESCRIPTION: Heavy Duty Detergent
PRODUCT CODE: HD HOT TANK POWDER NF
PRODUCT FORMULATION NAME: HD Hot Tank Powder NF
CHEMICAL FAMILY: ALKALINE BLEND

MANUFACTURER

Technichem
 P.O. Box 475
 Rupert, ID 83350
Emergency Contact: Corporate Office
Emergency Phone: 208-531-4100
Customer Service: 208-531-4100
Transportation: 1-800-633-8253 PERS

24 HR. EMERGENCY TELEPHONE NUMBERS

PERS 1-800-633-8253 contract # 8575

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Serious Eye Damage

GHS LABEL

Causes severe skin and eye burns.



Corrosion



Exclamation
mark

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H314: Causes severe skin burns and eye damage.
 H335: May cause respiratory irritation.

PRECAUTIONARY STATEMENTS

General:

P262: Do not get in eyes, on skin, or on clothing.

POTENTIAL HEALTH EFFECTS

EYES: Corrosive, contact causes severe eye burns.

SKIN: Corrosive, causes skin burning.

SKIN ABSORPTION: None known.

INGESTION: Can burn mouth, throat and stomach.

INHALATION: Dust or vapor irritating to eyes and respiratory tract.

REPRODUCTIVE TOXICITY

REPRODUCTIVE EFFECTS: None known.

TERATOGENIC EFFECTS: None known.

SAFETY DATA SHEET



Date Prepared : 09/21/2015
 SDS No : HD HOT TANK POWDER NF
 Date Revised : 03/30/2021
 Revision No : 1

CARCINOGENICITY: None known.

MUTAGENICITY: None known.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Sodium Hydroxide	< 70	1310-73-2
Silicic Acid (h ₂ sio ₃), Disodium Salt	< 15	6834-92-0
Triphosphoric Acid, Pentapotassium Salt	< 10	13845-36-8
D-gluconic Acid, Monosodium Salt	< 2	527-07-1
Edta Disodium Salt	< 1	6381-92-6
Alcohols, C12-14, Ethoxylated	< 1	68439-50-9

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

SKIN ABSORPTION: None known.

ACUTE EFFECTS: None Expected.

CHRONIC EFFECTS: None Expected.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: None

EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

HAZARDOUS COMBUSTION PRODUCTS: None Expected.

EXPLOSION HAZARDS: None

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

HAZARDOUS DECOMPOSITION PRODUCTS: None Expected.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Mop up with water and rinse

LARGE SPILL: After removal, flush contaminated area thoroughly with water.

GENERAL PROCEDURES: Clean up spills immediately, observing precautions in Protective Equipment section.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep container closed when not in use.

HANDLING: Follow all SDS/label precautions even after container is emptied because it may retain product residues.

SAFETY DATA SHEET



Date Prepared : 09/21/2015

SDS No : HD HOT TANK POWDER NF

Date Revised : 03/30/2021

Revision No : 1

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)			
EXPOSURE LIMITS			
Chemical Name	Type	ppm	mg/m ³
Sodium Hydroxide	OSHA PEL	TWA	2
	Supplier OEL	TWA	NL
		STEL	NL

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles) and a face shield.

SKIN: Nitrile gloves

RESPIRATORY: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Powder / Granular

COLOR: Off white

pH: 13.5 to 14

PERCENT VOLATILE: Not Available

FLASH POINT AND METHOD: None

FLAMMABLE LIMITS: 0 to 0

AUTOIGNITION TEMPERATURE: None

VAPOR PRESSURE: 16.5

VAPOR DENSITY: 16.5

SOLUBILITY IN WATER: 100%

SPECIFIC GRAVITY: 1

(VOC): 99

10. STABILITY AND REACTIVITY

REACTIVITY: NA = Not Applicable

HAZARDOUS POLYMERIZATION: None Expected.

CONDITIONS TO AVOID: Oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: None Expected.

INCOMPATIBLE MATERIALS: Aluminum and some paints.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY

IARC: None Expected.

OSHA: None Expected.

SAFETY DATA SHEET



Date Prepared : 09/21/2015
 SDS No : HD HOT TANK POWDER NF
 Date Revised : 03/30/2021
 Revision No : 1

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: NA = Not Applicable
BIOACCUMULATION/ACCUMULATION: None known.
AQUATIC TOXICITY (ACUTE): None Expected.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Neutralize with acid to reach a Ph between 5 and 9 and dispose of into a waste water treatment system.
 Spent product may already be at a Ph of 9 or below.
FOR LARGE SPILLS: Neutralize with acid to reach a Ph between 6 and 8 and dispose of into a waste water treatment system.
 Spent product may already be at a Ph of 9 or below.
PRODUCT DISPOSAL: Rinse with water, recycle if possible
EMPTY CONTAINER: Rinse with water, recycle if possible
RCRA/EPA WASTE INFORMATION: No data available. Contact Env. Dept.
RCRA HAZARD CLASS: No data available. Contact Env. Dept.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)
PROPER SHIPPING NAME: Corrosive Solid NOS
TECHNICAL NAME: Sodium Hydroxide
PRIMARY HAZARD CLASS/DIVISION: 8
UN/NA NUMBER: UN 1759
PACKING GROUP: PG II
NAERG: 154
REPORTABLE QUANTITY (RQ) UNDER CERCLA: 5
U.S. SURFACE FREIGHT CLASS: 55
PLACARDS: Corrosive
LABEL: Corrosive 8

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Corrosive

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S7/8: Keep container tightly closed and dry.
 R35: Causes severe burns.

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

SAFETY DATA SHEET



Date Prepared : 09/21/2015
SDS No : HD HOT TANK POWDER NF
Date Revised : 03/30/2021
Revision No : 1

Chemical Name	Wt.%	CERCLA RQ
Sodium Hydroxide	< 70	1,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Sodium Hydroxide	1310-73-2
Silicic Acid (h ₂ sio ₃), Disodium Salt	6834-92-0
Triphosphoric Acid, Pentapotassium Salt	13845-36-8
D-gluconic Acid, Monosodium Salt	527-07-1
Alcohols, C12-14, Ethoxylated	68439-50-9

16. OTHER INFORMATION

APPROVED BY: Brian Rencher **TITLE:** President

PREPARED BY: Brian Rencher **Date Revised:** 03/30/2021

INFORMATION CONTACT: 208-375-7200

REVISION SUMMARY: This SDS replaces the 09/30/2015 SDS.

HMIS RATING

HEALTH	<input type="checkbox"/>	3
FLAMMABILITY		0
PHYSICAL HAZARD		1
PERSONAL PROTECTION		D

NFPA CODES

