

SAFETY DATA SHEET



Date Prepared : 06/14/2016
 SDS No : Rust Inhibitor #6
 Date Revised : 05/20/2021
 Revision No : 1

1. PRODUCT AND COMPANY IDENTIFICATION

GENERAL USE: 208-375-7200
PRODUCT DESCRIPTION: Water Based Rust Inhibitor
PRODUCT CODE: Rust Inhibitor
PRODUCT FORMULATION NAME: Rust Inhibitor #6
CHEMICAL FAMILY: Water Based 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 skin and eye irritation.



Exclamation
 mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H319: Causes serious eye irritation.
 H315 + H320: Causes skin and eye irritation.

PRECAUTIONARY STATEMENTS

General:

P270: Do not eat, drink or smoke when using this product.
 P262: Do not get in eyes, on skin, or on clothing.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Brown Liquid

IMMEDIATE CONCERNS: Causes skin and eye irritation.

POTENTIAL HEALTH EFFECTS

EYES: Contact causes severe eye irritation.

SKIN: Causes skin irritation. Allergic reactions are possible.

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SKIN ABSORPTION: A single, prolonged exposure is not likely to result in the material being absorbed through skin in harmful amount.

INGESTION: Do Not Induce vomiting, Drink plenty of water, Consult a physician.

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

REPRODUCTIVE TOXICITY

TERATOGENIC EFFECTS: None

CARCINOGENICITY: None

MEDICAL CONDITIONS AGGRAVATED: None Expected.

CANCER STATEMENT: None Expected.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Lignosulfonate	< 2	68131-32-8
Potassium Hydroxide	< 1	1310-58-3
Sodium Nitrite	< 1	7632-00-0
Silicic Acid (h ₂ sio ₃), Disodium Salt	< 1	6834-92-0
Ethanol, 2, 2', 2''-nitrilotris	< 1	102-71-6

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

EYES: Irritation and redness

SKIN: Contact causes skin irritation.

SKIN ABSORPTION: None

INGESTION: None

INHALATION: None

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: None

FLAME PROPAGATION OR BURNING RATE OF SOLIDS: None

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

HAZARDOUS COMBUSTION PRODUCTS: None

OTHER CONSIDERATIONS: None

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.

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HAZARDOUS DECOMPOSITION PRODUCTS: None Expected.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Mop up with water and rinse

LARGE SPILL: Collect spilled product and reuse if possible. Wash area with detergent & water, caution surface may be slippery.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

LAND SPILL: Do not allow product to contaminate soil or ground water.

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

RELEASE NOTES: None

SPECIAL PROTECTIVE EQUIPMENT: None

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid prolonged or repeated contact with skin.

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

STORAGE: Keep from freezing.

STORAGE TEMPERATURE: Store at room temperature - below 75 F and above 50 F

STORAGE SEGREGATION CLASS: N

SHELF LIFE: At least 2 years from date of manufacture

ELECTROSTATIC ACCUMULATION HAZARD: None

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

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

SKIN: Nitrile gloves

RESPIRATORY: No special ventilation requirements.

PROTECTIVE CLOTHING: normal work clothes

WORK HYGIENIC PRACTICES: Do not smoke when using this product or any chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Slight Lignosulfonate odor

APPEARANCE: Brown liquid

COLOR: Brown to almost black Liquid

pH: 11.5-12.5

PERCENT VOLATILE: 95%

FLASH POINT AND METHOD: None

FLAMMABLE LIMITS: 0 to 0

AUTOIGNITION TEMPERATURE: None

VAPOR PRESSURE: NA = Not Applicable

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VAPOR DENSITY: NA = Not Applicable
BOILING POINT: 210 F
FREEZING POINT: < 20 F
THERMAL DECOMPOSITION: None known.
SOLUBILITY IN WATER: 100%
EVAPORATION RATE: Water = 1 Rust Inhibitor = 1
SPECIFIC GRAVITY: 1.15
VISCOSITY: water thin
(VOC): %

10. STABILITY AND REACTIVITY

REACTIVITY: None Expected.
HAZARDOUS POLYMERIZATION: None Expected.
STABILITY: Stable.
CONDITIONS TO AVOID: Aluminum, any soft Metals and Paint
POSSIBILITY OF HAZARDOUS REACTIONS: None Expected.
HAZARDOUS DECOMPOSITION PRODUCTS: None Expected.
INCOMPATIBLE MATERIALS: Aluminum, any soft Metals and Paint

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

DERMAL LD₅₀: May cause skin irritation

ORAL LD₅₀: None Expected.

INHALATION LC₅₀: None Expected.

SKIN CORROSION/IRRITATION: Causes skin irritation.

SERIOUS EYE DAMAGE/IRRITATION: Causes serious eye irritation.

RESPIRATORY OR SKIN SENSITISATION: May cause allergy or asthma symptoms or breathing difficulties if inhaled

GERM CELL MUTAGENICITY: None Expected.

CARCINOGENICITY

OSHA: None

NOTES: None

REPRODUCTIVE TOXICITY: None

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not yet Determined

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.

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Spent product may already be at a Ph of 9 or below.

PRODUCT DISPOSAL: Disposal should be in accordance with regulations

EMPTY CONTAINER: Rinse with water, recycle if possible

RCRA/EPA WASTE INFORMATION: None

RCRA HAZARD CLASS: None

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Liquid Cleaning Compound

TECHNICAL NAME: Liquid Cleaning Compound

PRIMARY HAZARD CLASS/DIVISION: None

U.S. SURFACE FREIGHT CLASS: 55

PLACARDS: None

LABEL: None

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Liquid Cleaning Compound

AIR (ICAO/IATA)

SHIPPING NAME: Liquid Cleaning Compound

CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: Liquid Cleaning Compound

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: None

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No

313 REPORTABLE INGREDIENTS: None

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: None

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

CERCLA REGULATORY: None

Chemical Name	Wt. %	CERCLA RQ
Potassium Hydroxide	< 1	1,000
Sodium Nitrite	< 1	100

CERCLA RQ: None

EPA

EPA RQ INGREDIENT: None

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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Sodium Nitrite	7632-00-0
Silicic Acid (h ₂ sio ₃), Disodium Salt	6834-92-0
Ethanol, 2, 2', 2"-nitrioltris	102-71-6

RCRA STATUS: None

CARCINOGEN: None

16. OTHER INFORMATION

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

PREPARED BY: Brian Rencher **Date Revised:** 05/20/2021

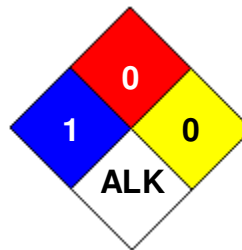
INFORMATION CONTACT: 208-375-7200

REVISION SUMMARY: This SDS replaces the 06/15/2016 SDS.

HMIS RATING

HEALTH	□	1
FLAMMABILITY	□	0
PHYSICAL HAZARD	□	0
PERSONAL PROTECTION	□	C

NFPA CODES



MANUFACTURER DISCLAIMER: This SDS is written with the best of our chemical knowledge and with common sense and in every day terms. If you do not understand a term or phrase please ask a supervisor.