

SAFETY DATA SHEET

DSR-50

1. GENERAL INFORMATION

TRADE NAME (COMMON NAME OR SYNONYM) DSR-50		C.A.S. NO. N/A	
CHEMICAL NAME/DESCRIPTION Heavy Duty Deck and Siding Restorer			
Emergency telephone number: ChemTel: 1-800-255-3924			Contract Number MIS0006628
ADDRESS (No., STREET, CITY, STATE, AND ZIP CODE) PowerWash.com 2300 Cold Springs Road Fort Worth, TX 76106			
CONTACT Delia Galindo	PHONE NUMBER 817-625-4213	ISSUED DATE 5/8/2015	REVISED DATE 8/4/2015

2. GHS Classification

Signal Word: Danger

Skin: Category 3 Eyes: Category 3



HAZARD IDENTIFICATION

HAZARD DATA RATING: 1 – Health, 3 – Fire, 0 – Reactivity

0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Sever

GHS Hazard Statements

May be corrosive to metals.
 Harmful if swallowed.
 Harmful in contact with skin
 Causes severe skin burns and eye damage.
 Causes serious eye damage.
 Causes damage to organs.
 Harmful to aquatic life

GHS Precautionary Statements

Keep out of the reach of children
 Read label before use
 Do not get in eyes, on skin or clothing
 Avoid release to the environment
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
 IF ON SKIN: Wash with soap and water
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
 If skin irritation occurs: Get medical advice/attention

3. COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL OR COMPONENT/C.A.S. WT. %

CHEMICAL NAME

Ethylenediaminetetraacetic Acid
 Sodium Gluconate
 Sodium Nitrite
 Linear Alkyl, Aryl Sulphonic Acid

CAS

CAS# 6381-92-6
 CAS# 527-07-1
 CAS# 7632-00-0
 CAS# 85536-14-7

CONCENTRATION (%)

<2.5
 <3.5
 <2.5
 <5.5

Potassium Hydroxide
Alcohols, C-9-C11

CAS# 1310-58-3
CAS# 68439-4

<20.5
<1.5

4. FIRST AID MEASURES

Eyes: Hold the eyelids apart and flush the eye gently with large amounts of water for at least 15 minutes.

Skin: Flush skin with cool water. Wash the exposed area with plenty of soap and water.

Inhalation: Remove individual to fresh air and get immediate medical attention. If breathing is difficult, give oxygen. If breathing stops, give artificial respiration.

Ingestion: Have person drink a glass of water immediately if able to swallow. Get medical attention immediately. Do Not INDUCE VOMITING unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

EFFECTS OF OVEREXPOSURE

Acute: Skin: Prolonged contact may defat skin leading to irritation and dermatitis. Eyes: Causes irritation, loss on natural lubrication.

Chronic: Skin: repeated or prolonged skin contact would be expected to cause drying, cracking and inflammation of the skin. (Dermatitis)

5. FIRE-FIGHTING MEASURES

SPECIAL FIRE HAZARDS: Use extinguishing media suitable for the surrounding fire.

FIRE FIGHTING METHODS: Use CO2 Foam or Dry Chemical

FLASH POINT: UNK.

FLAMMABLE LIMITS – LOWER: UNK **UPPER:** UNK

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental precautions

Do not allow contact with soil, surface or ground water.

Methods and materials for containment and cleaning up

Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

7. Handling and Storage

NORMAL HANDLING

Use smallest amounts possible in designated areas with adequate ventilation. Keep containers closed when not in use. Empty containers may contain hazardous residue. Avoid generating mists. Transfer solutions using equipment that is corrosion resistant. Cautiously transfer into sturdy containers made of compatible materials. Never return contaminated material to its original container. Never add water to solution, always add solution to water and provide agitation.

STORAGE

Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Protect from damage. Store away from incompatible materials. Avoid freezing.

8. Exposure Control/Personal Protective Equipment

RESPIRATORY PROTECTION: n/a

EYES AND FACE: Splash proof glasses recommended

HANDS, ARMS AND BODY: Rubber gloves recommended

OTHER CLOTHING AND EQUIPMENT: n/a

9. Physical Properties

MATERIAL IS (AT NORMAL CONDITIONS): Liquid	APPEARANCE AND ODOR Green alkaline liquid with slight odor.		
BOILING POINT 180 degrees	MELTING POINT NA	SPECIFIC GRAVITY (H ₂ O = 1) .885	VAPOR DENSITY (AIR = 1) 0.012
SOLUBILITY IN WATER (% by Weight) 100%	PH 1% = 9.5 to 10.5		VAPOR PRESSURE (mm Hg at 20°C) N/A
EVAPORATION RATE <input type="checkbox"/> (Butyl Acetate = 1) <input type="checkbox"/> (Ether = 1) <1 (Ether =1)	% VOLATILES BY VOLUME (At 20°C) 0		

10. Stability & Reactivity

Stability: Stable **Incompatibility:** Acids and strong oxidizing agents

Hazardous Decomposition Products: None **Thermal decomposition:** Sodium Oxide

Hazardous Polymerization: Will not occur. However, it can induce hazardous polymerization of acetaldehyde, acrolein and acrylonitrile.

Conditions to avoid: Keep away from incompatibles. Mixtures containing acid or incompatible materials can cause splattering and release of large amounts of heat. Will react with some metals.

11. TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE: Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes: Causes irritation, loss of natural lubrication. Skin: Causes skin irritation Ingestion: May be harmful if swallowed

Inhalation: Under normal conditions, vapor level will be too low to present inhalation hazard.

Experience with human exposure

Eyes: Flush eyes immediately with plenty of cool running water. Remove contact lenses. Continue flushing for 15 minutes holding eyelids open.

Skin: Flush skin with plenty of cool running water. Wash thoroughly with soap and water.

If Swallowed: Rinse mouth; then drink 1 or 2 large glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

If Inhaled: Move immediately to fresh air; If breathing is difficult, administer oxygen.

12. Ecological and Aquatic Toxicity

BIODEGRADABILITY/AQUATIC TOXICITY: No know Aquatic Toxicity or Ecotoxicological effects.

OCTANOL/WATER PARTITION COEFFICIENT: n/a

EPA HAZARDOUS SUBSTANCE? No **IF SO, REPORTABLE QUANTITY:** 40 CFR 116-117

13. Disposal

WASTE DISPOSAL METHODS (DISPOSER MUST COMPLY WITH FEDERAL, STATE AND LOCAL DISPOSAL OR DISCHARGE LAWS.

Dispose of waste material at an approved waste treatment/disposal facility in accordance with applicable regulations. Do not dispose of with normal garbage or to sewer systems.

14. Transportation

D.O.T. CLASSIFICATION: UN-1814, (Potassium Hydroxide Solution) 8, PGII

15. Regulatory

EPCRA- Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity: This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity: This material does not contain any components with a section 304 EHS RQ.

SECTION 313 (Specific toxic chemical listings): None of the ingredients is listed.

TSCA (Toxic Substances Control Act): All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

16. Other

	NFPA	HMIS
HEALTH	3	3
FLAMMABILITY	0	0
REACTIVITY	2	2
SPECIAL HAZARDS		
PROTECTIVE EQUIPMENT		

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