Value Products Inc.
Chemical Compounding & Packaging

SDS

SAFETY DATA SHEET

Date prepared: January 2, 2019

Revision:
Supersedes:

1. Product and Company Identification

Company
VALUE PRODUCTS, INC.
2128 Industrial Drive
Stockton, CA 95206

24 Hour Emergency Response Information
CHEMTREC: (800) 424-9300

PRODUCT NAME: LR-1
CHEMICAL NAME: ALKALI DETERGENT BLEND
MANUFACTURED FOR:

PRODUCT CODE: 4261

2. Hazards Identification

Emergency overview: DANGER, CORROSIVE. Causes severe burns to skin, eyes and mucous membranes.

SIGNS AND SYMPTOMS OF EXPOSURE (SKIN, EYE CONTACT; INHALATION; INGESTION)

EYE CONTACT : Causes severe irritation and possible tissue burns, permanent eyes damage, or blindness.

INHALATION : This product does not readily form a vapor and inhalation is unlikely. If mists or sprays of this solution are inhaled, this product may cause pulmonary irritation, irritation of the mucus membranes, coughing and a sore throat.

INGESTION : Causes severe burns. Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation.

SKIN CONTACT : Can cause severe burns with deep ulceration and permanent scarring . It can penetrate to deeper layers of skin and corrosion will continue until removed. The severity of injury depends on the duration of exposure.

3. Composition/ Information on Ingredients

MATERIAL (BASED ON 100% FORMULA LEVEL)	CAS#	% BY WEIGHT
SODIUM HYDROXIDE	1310-73-2	< 5 %
SODIUM METASILICATE ANHYDROUS	6834-92-0	< 5 %
DODECYLBENZENE SULFONIC ACID	27176-87-0	< 5 %

4. First Aid Measures

EYES: Immediately flush eyes with a direct stream of water for at least 15 minutes. Hold eyelids apart to ensure complete irrigation of all eye and lid tissues. Get medical attention.

INGESTION: If swallowed, DO NOT induce vomiting. If victim is fully conscious, give large quantities of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

SKIN CONTACT: Immediately flush skin with plenty of clean running water. Get medical attention if irritation persists.

INHALATION: Remove to fresh air. If breathing is difficult, oxygen should be administered by qualified personnel.

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5. Fire Fighting Measures

FIRE FIGHTING METHOD: DO NOT direct a solid stream of water or foam into hot burning pools of liquid, since this may cause frothing and increase fire intensity.
EXTINGUISHING MEDIA: Water spray, foam, carbon dioxide.
UNUSUAL FIRE OR EXPLOSIVE HAZARD: None known.

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6. Accidental Release Measures

PERSONAL PRECAUTIONS: Isolate area. Keep unnecessary personnel away.

ENVIRONMENTAL PRECAUTIONS: Keep out of sewers, storm drains, and waterways.

CLEAN-UP PROCEDURES: Contain spill with inert material such as sawdust, then transfer to sealable containers for disposal. Flush contaminated areas with water.

RECOMMENDED WASTE DISPOSAL METHOD: Dispose of in accordance with all applicable federal, state and local regulations.

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7. Handling and Storage

HYGIENIC PRACTICES IN HANDLING AND STORING: Wash thoroughly after handling. Avoid body contact.

PRECAUTION TO BE TAKEN IN HANDLING AND STORING: Store in original container at cool, dry, well ventilated areas. Avoid any contamination to food lines. Away from strong bases.

DISPOSAL OF EMPTY CONTAINER: Empty containers should be tripled rinsed with water and disposed of pursuant to Local, State, and Federal requirements.

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8. Exposure Controls / Personal Protection

RESPIRATORY PROTECTION : Not normally required. NIOSH approved dust mask or respirator if airborne exposure is excessive.
EYE PROTECTION : Safety Goggles.
PROTECTIVE CLOTHING : Rubber gloves, boots and full length clothing.
VENTILATION : Local exhaust
OTHER PROTECTIVE MEASURES: Eyewash fountain and safety shower should be nearby and ready for use.

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9. Physical and Chemical Properties

BOILING POINT: >200 ^{0}F
FREEZING/MELTING POINT: Unknown
VAPOR PRESSURE: (AIR=1): >1
EVAPORATION RATE (WATER =1): >1
PH CONCENTRATE: 13 +/- 0.5
SPECIFIC GRAVITY: 1.080 +/-0.2
VOLATILE: Unknown
FLASH POINT: Unknown *METHOD USED:* Unknown
VAPOR DENSITY: Unknown
SOLUBILITY IN WATER: Complete
VISCOSITY: Water thin
DESCRIPTION: Clear red solution. Odorless

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10. Stability and Reactivity

STABILITY: Stable
INCOMPATIBILITY (MATERIALS TO AVOID): None known
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: None currently known.
HAZARDOUS DECOMPOSITION: None known.

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11. Toxicological Information

Routes of entry: Absorbed through skin. Inhalation. Ingestion.
Carcinogen: There is no evidence this product poses a carcinogenic risk under normal conditions of handling or use.
Acute eye Irritation: Unknown
Acute Skin Irritation**:** Unknown
Acute Dermal Toxicity**:** Unknown
Acute Respiratory Irritation: Unknown
Acute Inhalation Toxicity: Unknown
Acute Oral Toxicity: Unknown
Chronic Toxicity: Unknown

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12. Ecological Information

Eco-toxicological Information**:** Unknown
Chemical Fate Information: Unknown

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13. Disposal Considerations

Recommended Waste disposal method: Dispose of in accordance with all applicable Federal, State and Local regulations.
Container disposal: Empty containers should be tripled rinsed with water and disposed of pursuant to Local, State, and Federal requirements.

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14. Transport Information

ID NUMBER: UN 1824
PROPER SHIPPING NAME: Sodium Hydroxide Solution
HAZARD CLASS: 8
PACKING GROUP: II

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15. Regulatory Information

Federal Regulations: None Known
State Regulations: **California Proposition** 65 – This product does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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16. Other Information

THE INFORMATION CONTAINED HEREIN, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, IS ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.