



SAFETY DATA SHEET

SuperAll #88

Revision Date: 8/26/2015

SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SuperAll #88 **PRODUCT USE:** General Purpose Cleaner/Degreaser, Bioremediation Enhancement Agent, Surface Washing Agent **ITEM:** 88

COMPANY NAME: SuperAll Products LLC **Office:** (281) 351-4800
 2215 Tuwa Road **Fax:** (281) 351-4855
 Tomball TX 77375 **Web:** www.superall.com

EMERGENCY TELEPHONE NUMBER **877-511-7187**

SECTION – 2 HAZARDS INFORMATION

Physical Hazards None
Health Hazards SKIN-Category 2; EYES-Category 2



Skin Irritant
Eye Irritant

WARNING Can cause skin irritation, Can cause serious eye irritation, Prolonged inhalation of concentrated mist may cause upper respiratory tract irritation, Could be harmful if large amounts are swallowed, Avoid eye or skin contact, Use proper Safety Equipment, Wash thoroughly after handling

SECTION – 3 COMPOSITION INFORMATION (Exact percentage of the listed chemicals of composition has been withheld as a trade secret)

| CHEMICAL NAME | COMMON NAME AND SYNONYMS | CAS# | IMPURITIES | PERCENT |
|---------------|--------------------------|-----------|------------|---------|
| Disodium Salt | Sodium Metasilicate | 6834-92-0 | | 1 – 3% |
| Pinakon | Hexylene Glycol | 107-41-5 | | 1 – 5% |

(Proprietary Formulation)

Also contains a proprietary blend of non-ionic and cationic surfactants, a water based liquid blend - concentrated detergent.

SECTION – 4 FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with cold water for several minutes while lifting upper and lower eyelids, Remove contact lenses if present and easy to do without injury to the eye and continue rinsing, If irritation occurs or persists obtain medical attention, preferably from an ophthalmologist

SKIN CONTACT: Wash contacted skin with plenty of water, Remove any contacted clothing and wash before reuse, If irritation occurs or persists seek medical aid

INHALATION: Move person to fresh air, If irritation occurs or persists seek medical aid

INGESTION: DO NOT INDUCE VOMITING. If person is fully conscious, rinse mouth out and give one to two glasses of water to dilute, If irritation occurs seek medical aid

Aspiration Hazard: Not considered to be an aspiration hazard

SECTION – 5 FIRE FIGHTING MEASURES

Extinguishing Media: Non Flammable; use any means suitable for extinguishing surrounding fire.

Hazardous Decomposition: Burning or thermal decomposition can produce, phosphorus oxides, carbon monoxide, carbon dioxide, carbon oxides, sodium oxides and silicon oxides

Explosion Hazards: Not an explosion hazard

Protective Equipment: Wear self-contained breathing apparatus for firefighting if necessary.

Additional Notes: SuperAll #88 is used as an extinguishing agent for class A & B Fires

SECTION – 6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Alert appropriate personnel of spill

Personal Precautions: Safety Glasses, Gloves

Protective Equipment: Safety Glasses, Gloves

Containment: Use rags, towels, absorbent socks or pads to prevent spill from spreading

Clean Up Procedures: Small spill: Use wet vacuum or mop and wringer to pick up spilled material then mop area with clean water.
Large spill: May be vacuumed and placed into closed containers for disposal

SECTION – 7 HANDLING AND STORAGE

Handling: Keep away from incompatible materials, Use appropriate safety equipment, and adequate ventilation, Avoid eye and skin contact, Avoid inhalation of mist, Wash thoroughly after handling

Storage: KEEP OUT OF REACH OF CHILDREN, Keep container closed when not in use, Store away from incompatible materials, Stored above 1.1°C (34°F) and below 82.2°C (180°F)

Incompatible Materials: Strong acids

SECTION – 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE LIMITS**

| CHEMICAL NAME | ACGIH (TWA 8) | ACGIH (STEL) | OSHA PEL (TWA 8) | OSHA (CEIL) | Significant Exposure |
|-------------------------------|---------------|---------------------------------|------------------|---------------------------------|----------------------|
| Hexylene Glycol | | 25 ppm (121 mg/m ³) | | 25 ppm (121 mg/m ³) | EI, RT |
| Sodium Metasilicate Anhydrous | | | | 2 mg/m ³ | RT |

PERSONAL PROTECTIVE EQUIPMENT

Chemical Safety Glasses, Goggles or Face Shield



Chemical Gloves



Eye Wash (Recommended)

**Ventilation**

General Ventilation

SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|------------------------|--|---|-------------------|
| Flash Point: | Does not flash -Not Flammable (>100°C - 212°F) | PH (± 0.3): | 12.3 |
| Physical State: | Liquid | Specific Gravity / Relative Density: | 1.056 |
| Appearance: | Clear | Molecular Weight: | 36.23 |
| Odor: | Mild - Little or no odor | Viscosity: | 30.53 sus @ 100°F |
| Solubility: | 100% | Boiling Point: | 100 °C (212°F) |
| Volatiles: | 90% (water and other evaporative components) | Freeze Point: | 0°C (32°F) |
| | | Evaporation Rate (water= 1): | 1 |

SECTION – 10 STABILITY AND REACTIVITY

| | |
|----------------------------------|---|
| Reactivity: | Stable |
| Chemical Stability: | Stable when stored below 82.2°C (180°F) |
| Hazardous Polymerization: | Will not occur |
| Conditions to avoid: | Incompatible materials |
| Incompatible Materials: | Incompatible with; strong acids |
| Thermal Decomposition: | Burning or thermal decomposition can produce, phosphorus oxides, carbon monoxide, carbon dioxide, carbon oxides, sodium oxides and silicon oxides |

SECTION – 11 TOXICOLOGICAL INFORMATION**ROUTES OF EXPOSURE**

Eyes (Yes), Skin(Yes), Inhalation (Yes "Mist"), Ingestion (Yes)

SYMPTOMS OF OVEREXPOSURE

| | | | |
|-----------------------------|---|---|--|
| Eyes | Can cause serious eye irritation, discomfort, redness, pain, or possible eye damage, by direct product eye contact | | |
| Skin | Can cause skin irritation, redness, burning, drying or cracking | | |
| Inhalation | Prolonged inhalation of concentrated mist may cause upper respiratory tract irritation | | |
| Ingestion | May be harmful if large amounts are swallowed, Can cause irritation of the mouth, throat, and esophagus, Slight toxicity if swallowed, Symptoms may include, nausea, diarrhea, vomiting | | |
| Acute Tox Calculated | Oral: 15,320 mg/kg | Dermal: 108,597 mg/kg | Inhaled: 59.4 mg/L |
| Acute Tox Category | "Not applicable (Oral > 2,000 mg/kg)" | "Not applicable (Dermal > 2,000 mg/kg)" | "Not applicable (Inhaled > 5 mg/L) Dust or Mist" |
| Target Organs | Eyes (Lens or Cornea), Skin, Upper Respiratory Tract | | |
| Medical Conditions | Preexisting, eye, skin, respiratory, disorders may be aggravated by exposure to this product | | |
| Notes to Physician | In case of ingestion, gastric lavage with active charcoal can be used promptly to prevent absorption, Treat symptoms | | |

CARCINOGENIC – This product contains concentrations above 0.1% of the following:

No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen

MUTAGENIC AND REPRODUCTIVE EFFECTS

No component of this product is known to cause fetal or reproductive abnormalities

SECTION – 12 ECOLOGICAL INFORMATION

| <u>CHEMICAL NAME</u> | <u>Type</u> | <u>Subject</u> | <u>Subject Latin</u> | <u>Result Value</u> | <u>Exposure Time</u> |
|----------------------|-------------|-------------------|-----------------------|---------------------|----------------------|
| SuperAll #88 | LC50 | Inland silverside | Menidia Beryllina | 913.56 ppm | 96 Hours |
| | LC50 | Mysid shrimp | Mysidopsis Bahia | 392.3 ppm | 48 Hours |
| | LC50 | Flathead minnow | Pimephales promelas | 804 ppm | 96 Hours |
| | LC50 | Water flea | Ceriodaphnia dubia | 319 ppm | 48 Hours |
| | LC50 | Mummichog | Fundulus heteroclitus | 254 ppm | 96 Hours |
| | LC50 | Brine Shrimp | Artemia salina | 370 ppm | 48 Hours |

Persistence And Degradability This product is readily biodegradable according to the OECD 301-B definition

Bioaccumulative Potential Classified as not bioaccumulating

Mobility in Soil This product is water soluble and will move readily in soil and water

SECTION – 13 DISPOSAL CONSIDERATIONS

Dispose of any waste in accordance with all State and Federal Guidelines and Regulations

ENVIRONMENTAL FATE

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate.

SECTION – 14 TRANSPORT INFORMATION**D.O.T. CLASSIFICATION**

| <u>UN Number</u> | <u>Proper Shipping Name</u> | | | | |
|---------------------|-----------------------------|--------------------|----------------------------------|----------------------|-------------------------|
| Not Regulated | Non Regulated Material | SuperAll #88 | | | |
| <u>Hazard Class</u> | <u>Packing Group</u> | <u>Label Codes</u> | <u>Reportable Quantity (lbs)</u> | <u>Response Code</u> | <u>Marine Pollutant</u> |
| None | None | None | None | 128 | No |

SECTION – 15 REGULATORY INFORMATION**REPORTABLE QUANTITIES****EPCRA TPQ Sec 302:**

Does not contain any reportable components

EPCRA RQ Sec 304:

Does not contain any reportable components

CERCLA RQ Sec 103:

Does not contain any reportable components

TRI Sec 313:

Does not contain any reportable components

RCRA Code:

Does not contain any reportable components

RMP TQ Sec 112r:

Does not contain any reportable components

SARA 311/312 Hazards:

Acute Health Hazard

CHEMICAL INVENTORIES**TSCA:**

Listed on TSCA Inventory

CALIFORNIA

This product does not contain any chemicals known to the State of California to cause cancer, birth defects or any other reproductive harm.

CLEAN AIR/WATER ACTS

Does not contain any reportable components

CANADIAN WHMIS Classification

DSL listed D-2B

Standard Risk And Safety Phrases

| Code | Definition (R-Phrases / S-Phrases) |
|------------------|--|
| R36/37/38 | Irritating to eyes, respiratory system and skin |
| S2 | Keep out of the reach of children |
| S26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice |
| S51 | Use only in well-ventilated areas |
| S24/25 | Avoid contact with skin and eyes |
| S37/39 | Wear suitable gloves and eye/face protection |

SuperAll Products, L.L.C.

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Supersedes Material Safety Data Sheet Dated: 1/3/11