Material Safety Data Sheet

SPI #01200-AB and #01200A-AB Alconox® Powdered Detergent

Section 1: Identification

Date Effective............ July 12, 2001  
(most recent revision)

Chemical Name/Synonyms... On Label: Alconox®

Chemical Family......... Anionic powdered detergent

Emergencies
Contacting CHEMTREC:

24 Hour Emergency Use Only #'s...
Worldwide phone: 1-(703)-527-3887
Worldwide FAX: 1-(703)-741-6090
Toll-free phone: 1-(800)-242-9300 USA only

Product or Trade Name.... SPI #01200-AB and #01200A-AB
Alconox® Powdered Detergent

CAS #.................... Not applicable

Chemical Formula........ Not applicable
Section 2 Composition

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS #</th>
<th>OSHA</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>ACGIH</th>
</tr>
</thead>
</table>

No hazardous ingredients in Alconox Powdered Detergent as defined by the OSHA Standard and Hazardous Substance List 29 CFR 1910 Subpart Z.

NFPA Rating: Not known

Section 3: Hazard Identification

Routes of entry
- Inhalation? Yes
- Skin? No
- Ingestion? Yes

Health Hazards (Acute and chronic):
- Inhalation of powder may prove locally irritating to mucous membranes.
- Ingestion may cause discomfort and/or diarrhea. Eye contact may prove irritating.

Carcinogenicity:
- NTP? No
- IARC Monographs? No
- OSHA Regulated? No

Section 4: First Aid Measures

Signs and Symptoms of Exposure:
- Exposure may irritate mucous membranes. May cause sneezing.

Medical conditions generally aggravated by exposure:
- Not established. Unnecessary exposure to this product or any industrial chemical should be avoided. Respiratory conditions may be aggravated by powder if air borne.

Emergency and First Aid Procedures:
Eyes: Immediately flush eyes with copious amounts of water for minimum 15 minutes. Call physician.

Skin: Flush with plenty of water.

Ingestion: Drink large quantities of water or milk. Do not induce vomiting. If vomiting occurs re-administer fluids. See a physician for discomfort.

Section 5: Fire Fighting Measures

NFPA Rating: Not known

Extinguishing Media

Suitable/Not suitable:

SMALL FIRE: Use DRY chemical powder, water, foam, carbon dioxide

LARGE FIRE: Use extinguishing media suitable for the surrounding materials.

Special firefighting procedures:
Self-contained positive pressure breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.

Unusual Fire/Explosion Hazards: None

Hazardous thermal decomposition products: None known.

Protection of fire fighters: No special measures are required.

Flammable Limits:
LEL: No data
UEL: No data

Section 6: Accidental Release Measures

Personal precautions: No special precautions
Environmental Precautions and Clean Up Methods:
Material foams profusely. Recover as much as possible and flush remainder to sewer. Material is biodegradable.

Section 7: Handling and Storage

Material should be stored in a dry area to prevent caking.

Section 8: Exposure Controls and Personal Protection

Engineering controls: Normal ventilation is normally required when handling or using this product. Avoid conditions that could produce dusting.

Personal Protective Equipment

Respiratory system: Dust mask recommended but not required.

Skin and body: Laboratory coat recommended but not required.

Hands: Impervious gloves recommended

Eyes: Goggles are recommended, especially when handling solutions irrespective of what they might be.

Other: Wash hands before eating, drinking, or smoking.

Section 9: Physical and Chemical Properties

Physical State and Appearance: White powder interspersed with cream colored flakes.

Odor: None
Boiling Point: Not applicable
Melting Point: Not applicable
Density (water = 1): Not applicable
Solubility: Appreciable, to 10% at ambient conditions.
Octanol/water partition coefficient: Not available
pH: Not known
Flash Point: None
Flammability: Non-flammable
Autoignition temperature: Not applicable

Section 10: Stability and Reactivity

Chemical Stability: The product is stable
Hazardous polymerization: Will not occur
Conditions to Avoid: None
Hazardous Products of Deposition: May release CO₂ on burning.
Reactions with Air and Water: Does not react with air, water or other common materials.

Section 11: Toxicological Information

Summary: Not considered to be toxic to humans or animals.
Skin Effects: Can be locally irritating
Eye Irritation: Can be irritating to the eyes

Inhalation: Dust can be irritating to mucous membranes

Sensitization: Not known

Chronic toxicity: There is no known effect from the chronic exposure to this product.

Section 12: Ecological Information

Exotoxicity: Not known but it is expected to be low because the material is biodegradable.

Environmental Fate: It is biodegradable.

Bioaccumulation: Not expected to occur (because the material is biodegradable).

Section 13: Disposal Considerations

This material is NOT classified as a hazardous material by RCRA. Use only licensed transporters and permitted disposal facilities and conform to all laws.

Recycle to process, if possible.

Germany water class: VCI WGK: No products were found.

Methods of disposal; waste of residues; contaminated packaging:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Section 14: Transport Information

Proper Shipping Name: Non-Regulated, No dangerous cargo
DOT Hazard Class: Non-Regulated, No dangerous cargo
UN/NA ID: Non-Regulated, No dangerous cargo
Packing Group: Not Applicable
Labels: Not Regulated
Marine Pollutant: No
NAER Guidebook: Not Regulated
DOT Status: Not Regulated

Land-Road/Railway:
ADR/RID Class: No dangerous cargo

Sea:
IMDG Class: No dangerous cargo

Air:
IATA-DGR Class: No dangerous cargo

Section 15: Regulatory Information

TSCA: All components of this product are listed on the TSCA 8(b) inventory. If identified components of this product are listed under the TSCA 12(b) Export Notification Rule, they will be listed below.

<table>
<thead>
<tr>
<th>TSCA 12(b) Component</th>
<th>Listed under TSCA Section</th>
</tr>
</thead>
</table>

SARA Title 3: Section 313 Information/Emissions Reporting (40 CFR 372):

<table>
<thead>
<tr>
<th>Component</th>
<th>Reporting Threshold</th>
</tr>
</thead>
</table>
SARA—Section 311/312:
No components present in this product are subject to the reporting requirements of this statute.

CERCLA Hazardous Substances and their Reportable Quantities:

<table>
<thead>
<tr>
<th>Component</th>
<th>Reportable Quantity</th>
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</thead>
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EU Regulations: Risk Phrases: This product is not classified according to the EU regulations.

Safety Phrases: Not applicable

Contains: Not applicable

California Prop. 65:
Proposition 65 requires manufacturers or distributors of consumer products into the State of California to provide a warning statement if the product contains ingredients for which the State has found to cause cancer, birth defects or other reproductive harm. If this product contains an ingredient listed by the State of California to cause cancer or reproductive toxicity, it will be listed below:

None found

Section 16: Other Information

Disclaimer of Liability:
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