

MATERIAL SAFETY DATA SHEET**SECTION 1 - PRODUCT SOURCE AND IDENTITY**

Supplier identity and address	Product description:	Date: Oct. 27, 2006
Alco-Chem, Inc. 45 N. Summit Street Akron, OH 44308	Name: Alco Deluxe (203050) Purpose: Commercial laundry powder Proprietary Formula Code: ALC 108621	
Emergency telephone: 800-424-9300	Product information: 330-253-3535	

SECTION 2 - SHIPPING CLASSIFICATION

Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number	
	Not regulated
Labels required per 49 CFR 172.101:	None
Size for "Limited quantity" per 49 CFR 173.150-4:	Not applicable
Reportable Quantity ("RQ") per 49 CFR 172.101:	None or not possible in one non-bulk package

SECTION 3- SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION

Reporting required by Title III Sec 313, 40 CFR 372, 29 CFR 1910.1200		Exposure Limit Values		
CAS#	313	Material or Component	% RQ#	TWA STEL
497-19-6	No	Sodium Carbonate	<20 None	Not established
Also contains non regulated detergents which can contribute to eye and skin irritation.				

No component is listed in "THRESHOLD LIMIT VALUES AND BIOLOGICAL EXPOSURE INDICES FOR 2006" from ACGIH except as noted above. Components listed in TITLE III SEC 313 (EPCRA) are indicated by "Yes" above.

Note: The purpose of this MSDS is to provide safe handling, shipping and disposal information for users of the product. It is not intended to, nor does it, provide complete or extensive toxicological data on the product or its components. Users who require this information are referred to primary suppliers of the ingredients of interest.

Emergency overview: Alkaline laundry powder.
Use standard industrial good practices.

Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8, OSHA 29 CFR 1910.1200 and SARA 302/311/312/313.
Immediate	Yes	No	No	No	
Delayed	No	No	No	No	

HMIS Hazard ratings: Health 1 Fire 0 Instability 0 Other B (Glasses, gloves)

NFPA 704 Hazard Ratings: Health 1 Flammability 0 Reactivity 0 Special NA

Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4

Threshold limit value: Not established on product.

TOSCA Status: All ingredients listed CERCLA RQ: See Sec 2.

California Prop. 65: None Ingredients on cancer lists: None

Reproductive implications: None

SECTION 4 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light blue powder	Flash point deg. F (cc):	None
Odor:	Lemon	Initial boiling point deg. C:	NA
Specific gravity:	>1	Vapor pressure 20 deg C:	NA
pH reaction:	Alkaline	Freezing point deg. C:	NA
% phosphorous:	None	Solubility in water:	100%
VOC Content:	None		
California Rule 102 (66):	Contains no photo chemically active materials.		

SECTION 5 - SAFE HANDLING AND STORAGE		
General	Alkaline synthetic detergent powder. Keep out of eyes and off of skin. Do not breathe dusts. Use standard industrial good practices.	
Protective equipment		
Eyes	Safety glasses or goggles should be worn if there is possibility of eye contact.	
Skin	Impermeable gloves such as rubber, PVC or neoprene are recommended.	
Respiratory protection	None normally required. If risk of inhalation occurs, select and use equipment according to OSHA/NIOSH guidelines for nuisance mists.	
Ventilation	A well ventilated work environment is recommended.	
Other	None	
SECTION 6- HEALTH SAFETY DATA		
Effects of acute or chronic over exposure		
Eyes	Irritating to eyes. No chronic effects known.	
Skin	Can cause irritation from repeated exposure.	
Inhalation	Mists may be irritating to breathing passages.	
Ingestion	Not a likely source of chronic exposure.	
SECTION 7 - PHYSICAL STABILITY AND REACTIVITY DATA		
Explosive limits	Flash point:	See Sec 4
Upper None	Lower None	Conditions to avoid: None known
Chemical stability	Stable	Hazardous decomposition products: None known
Hazardous polymerization	Cannot occur	Incompatibility: None known
SECTION 8- EMERGENCY RESPONSE PROCEDURES		
Fire	Extinguishing media	Use equipment appropriate to the main cause of the fire.
	Special procedures	None
	Unusual hazards	Oxides of carbon formed if burned.
First Aid	Eyes	Flush with water for at least 15 min. Seek medical attention. See Sec. 6.
	Skin	Wash exposed skin with soap and water until gone. Remove affected clothes rinse off product and wash clothes before reuse.
	Inhalation	If affected, remove individual to fresh air, get medical attention at once if there is any discomfort.
	Ingestion	Dilute by giving large amounts of milk or water. Get medical attention immediately. Do not induce vomiting.
Spills	Small / large spill	Small amounts may be flushed to drain. Comply with federal, state and local regulations on reporting spills. Keep out of waterways and storm sewers.
Product as made does not qualify as an "Unlisted Hazardous Waste" for disposal situations.		
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