

Apache Alkali Booster

HMIS		NFPA	Personal protective equipment	
Health	3	3	  	
Fire Hazard	0	0		
Reactivity	0	0		

Version Number: 2

Preparation date: 2004-08-04

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Apache Alkali Booster

MSDS #: F-00598001

Product code: 3418488

Recommended use: Laundry care.

Manufacturer, importer, supplier:

US Headquarters
JohnsonDiversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-0902
Phone: 1-888-352-2249
MSDS Internet Address:
www.johnsondiversev.com

Canadian Headquarters
JohnsonDiversey - Canada, Inc.
2401 Bristol Circle
Oakville, Ontario L6H 6P1
Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER. CORROSIVE. CAUSES SEVERE EYE, SKIN AND DIGESTIVE TRACT BURNS. HARMFUL OR FATAL IF SWALLOWED.

Principle routes of exposure:

Eyes. Skin. Inhalation. Ingestion.

Skin contact:

Corrosive. May cause permanent damage.

Eye contact:

Corrosive. Causes permanent eye damage, including blindness.

Inhalation:

May cause irritation and corrosive effects to nose, throat and respiratory tract.

Ingestion:

Causes burns to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Ingredient	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium hydroxide	1310-73-2	20 - 30%	Not available	Not available	Not available
Sodium carbonate	497-19-8	50 - 60%	4090 mg/kg (rat)	Not available	2300 mg/m ³ (rat)

4. FIRST AID MEASURES

Eye contact:

Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open . Get medical attention immediately .

Skin contact:

Flush immediately with plenty of water for at least 15 minutes . Get medical attention immediately .

Inhalation:

If breathing is affected, remove to fresh air . Get medical attention immediately .

Ingestion:

Do not induce vomiting. Immediately drink one cupful of water or milk . Get medical attention immediately .

Aggravated Medical Conditions:

None known.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

The product is not flammable. Dry chemical, water spray, foam, carbon dioxide.

Specific hazards:

None known.

Unusual hazards:

Corrosive material (See sections 8 and 10).

Specific methods:

No special methods required

Autoignition temperature:

No information available.

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Extinguishing media which must not be used for safety reasons: None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Put on appropriate personal protective equipment (see Section 8.).
Environmental precautions and clean-up methods: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up .

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin, eyes and clothing. Do not taste or swallow . Do not breathe dust. Wash thoroughly after handling . Remove and wash contaminated clothing and footwear before re-use . Product residue may remain on/in empty containers . All precautions for handling the product must be used in handling the empty container and residue . FOR COMMERCIAL AND INDUSTRIAL USE ONLY .

Storage:

Keep tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

General room ventilation is adequate .

Personal Protective Equipment

Eye protection: Chemical splash goggles .
Hand protection: Chemical resistant gloves . Includes . rubber gloves.
Skin and body protection: Protective footwear .
Respiratory protection: No special requirements under normal use conditions . In case of insufficient ventilation wear suitable respiratory equipment.
Hygiene measures: Avoid contact with skin, eyes and clothing . Handle in accordance with good industrial hygiene and safety practice .

Ingredient	CAS #	ACGIH	OSHA	Mexico
Sodium hydroxide	1310-73-2	2 mg/m ³ (Ceiling)	2 mg/m ³ (CEILING)	2 mg/m ³ (Ceiling)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid Solid	Appearance:	Powder
Color:	White	Boiling point/range:	Not determined
Odor:	Pine	Melting point/range:	Not determined
Specific gravity:	No information available	pH:	No information available
Dilution pH:	12.6 @ 0.5% solution	Density:	0.889
Bulk density:	0.889	Decomposition temperature:	Not determined
Vapor density:	No information available	Autoignition temperature:	No information available
Evaporation rate:	No information available	Solubility:	Soluble
Solubility in other solvents:	No information available	VOC:	0.2%
Viscosity:	No information available	Flash point:	>200 (°F) >93.3 (°C)
Partition coefficient (n-octanol/water):	No information available		

10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: Hazardous polymerisation does not occur
Hazardous decomposition products: None reasonably foreseeable
Materials to avoid: Acids.
Conditions to avoid: Stable at normal conditions. No special storage conditions required.

11. TOXICOLOGICAL INFORMATION

Acute toxicity Oral, LD50 estimated to be between 400 - 2000 mg/kg, Dermal, LD50 estimated to be > 2000 mg/kg.
Component Information: See Section 3
Chronic toxicity: None known .
Specific effects
Carcinogenic effects: No information available
Mutagenic effects: No information available
Reproductive toxicity: No information available
Target organ effects: No information available

12. ECOLOGICAL INFORMATION

Environmental Information: no data available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Undiluted product is regulated under environmental and transportation laws as a corrosive waste . Dispose of according to all federal, state and local applicable regulations .

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL), Australia (AICS), Korea (ECL), Philippines (PICCS), China (IECSC).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65.

STATE RIGHT TO KNOW

Ingredient	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Sodium carboxymethyl cellulose	9004-32-4	-	-	-	-	-	-
Sodium carbonate	497-19-8	-	-	-	-	-	-
Sodium hydroxide	1310-73-2	Listed	Listed	Listed	Listed	Listed	Listed
Sodium tripolyphosphate	7758-29-4	Listed	Listed	Listed	-	-	Listed
Aliphatic hydrocarbons	64742-47-8	-	-	-	-	-	-

CERCLA / SARA

Ingredient	CAS #	Weight %	RQ	Section 302/TPQs	Section 313
Sodium hydroxide	1310-73-2	20 - 30%	1000 LBS		
Sodium tripolyphosphate	7758-29-4	5 - 10%	5000 LBS		

CAA HAP/CAA ODS/CWA Priority Pollutants: None

Canada

WHMIS hazard class: E Corrosive material .



16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: None

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.