

MATERIAL SAFETY DATA SHEET

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME Rinse Aid

PRODUCT CODE

EMERGENCY TELEPHONE NUMBERS

ISSUE DATE 3-1-09

MANUFACTURER Alpha Chemical Services Inc. Transportation: (800) 424-9300 *
STREET ADDRESS 46 Morton Street * For spill, leak, fire or transport accident emergencies.
CITY, STATE, ZIP Stoughton, MA 02072 Product Information: (781) 344-8688

SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS No.	% by wt.	OSHA PEL	EXPOSURE LIMITS	
				ACGIH TLV	NIOSH REL
Methyl-oxirane polymer with oxirane	9003-11-6	15-20	NE	NE	NE
Alcohols, C12-15, ethoxylated propoxylated	68551-13-3	15-20	NE	NE	NE

*-- Asterisked ingredients are considered hazardous according to the criteria of 29CFR 1910.1200
Other ingredients are listed for informational purposes to assist emergency medical response personnel.

SECTION 3 -- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW Can cause eye and skin irritation.
Harmful if swallowed.

POTENTIAL HEALTH EFFECTS	
INGESTION.....	May cause gastric disturbances.
INHALATION.....	May cause respiratory tract irritation.
EYE CONTACT.....	May cause eye irritation.
SKIN CONTACT.....	May cause skin irritation after prolonged or repeated exposure.

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SECTION 4 -- FIRST AID MEASURES

INGESTION	If swallowed: Rinse mouth and then drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Obtain medical attention.
INHALATION	If inhaled: Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Seek medical attention.
EYE CONTACT	Immediately flush eye with plenty of cool running water. Remove contact lenses after the first five minutes if applicable and continue flushing for at least 15 minutes. Get medical attention immediately.
SKIN CONTACT	Wash with soap and water. If irritation develops seek medical attention.

SECTION 5 -- FIRE FIGHTING MEASURES

FLASH POINT / METHOD	Not Combustible	FLAMMABLE LIMITS	
EXTINGUISHING MEDIA	Use water, dry extinguishing media, carbon dioxide, foam		
SPECIAL FIRE FIGHTING PROCEDURES	None		
FIRE AND EXPLOSION HAZARDS	None		

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	Do not discharge into drains/surface waters/groundwater. Wear appropriate respiratory protection. Use person protective clothing and rubber boots. Ensure adequate ventilation. Avoid contact with skin and clothing. Dispose of cleanup in accordance with regulations. For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder, and kieselguhr). For large amounts: Dike spillage. Pump of product.
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SECTION 7 -- HANDLING AND STORAGE

HANDLING PRECAUTIONS	Wash hands before eating. Keep container tightly closed when not in use.
STORAGE PRECAUTIONS	Store upright in a cool dry place.

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SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

HYGIENIC PRACTICES	Normal procedures for good hygiene.
ENGINEERING CONTROLS	Good general ventilation should be sufficient to control airborne levels. Facilities using this product should be equipped with an eyewash station.

PERSONAL PROTECTIVE EQUIPMENT

	RESPIRATOR	Avoid inhalation of mists. If cleanup or exposure involves mist wear appropriate respirator.
X	GOGGLES / FACE SHIELD	Recommended; goggles should be chemical splash type
X	APRON	Cleaning spills Body protection must be chosen of level of activity and exposure.
X	GLOVES	Chemical resistant protective gloves.
X	BOOTS	Rubber for cleaning spills.

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear blue liquid	BOILING POINT	212 deg F
ODOR	None	FREEZING POINT	Not established
pH	6 - 8.2 (100% concentrate)	VAPOR PRESSURE	Not applicable
SPECIFIC GRAVITY	1.0	VAPOR DENSITY	Not applicable
SOLUBILITY IN WATER	Complete	EVAPORATION RATE	Not determined

SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE	X		UNSTABLE	
CONDITIONS TO AVOID	No special precautions beyond standard safe industrial practices.					
INCOMPATIBILITY	Avoid contact with strong oxidizers including chlorine bleach.					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Carbon monoxide may be formed during combustion.					
POLYMERIZATION		WILL NOT OCCUR	X		MAY OCCUR	
CONDITIONS TO AVOID	Not applicable					

SECTION 11 -- TOXICOLOGICAL INFORMATION

CARCINOGENICITY

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910, Z

OTHER EFFECTS

ACUTE	Not determined
CHRONIC	Not determined

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SECTION 12 -- ECOLOGICAL INFORMATION

BIODEGRADABILITY		CONSIDERED BIODEGRADABLE	X		NOT BIODEGRADABLE	
BOD / COD VALUE	Not established					
ECOTOXICITY	No data available					

SECTION 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD	Product that cannot be used according to the label must be disposed of according to state, federal and local regulations. Empty containers may be triple rinsed, then offered for recycling or reconditioning; or puncture and dispose of in a sanitary landfill.										
RCRA CLASSIFICATION	NA										
RECYCLE CONTAINER		YES	X		CODE	2 - HDPE				NO	

SECTION 14 -- TRANSPORT INFORMATION

DOT CLASSIFICATION		HAZARDOUS			NOT HAZARDOUS	X
DESCRIPTION	Not applicable					

SECTION 15 -- REGULATORY INFORMATION

REGULATORY STATUS

	EPA REGISTERED (UNDER FIFRA)	
	FDA REGULATED	
	KOSHER	
	SARA TITLE III MATERIAL	
	USDA AUTHORIZED	

SECTION 16 -- OTHER INFORMATION

NFPA CLASSIFICATION

2	BLUE	HEALTH HAZARD
0	RED	FLAMMABILITY
0	YELLOW	REACTIVITY
--	WHITE	SPECIAL HAZARD

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by Alpha Chemical Services in connection with the use of this information.