

ACARIL[®] ANTI-ALLERGEN LAUNDRY ADDITIVE

MATERIAL SAFETY DATA SHEET (MSDS)

IMPORTANT INFORMATION - DO NOT DISCARD

WE WILL SEND A CURRENT MSDS SHEET TO OUR CUSTOMERS ON THE FIRST SHIPMENT ONLY, UNLESS A SUBSTANTIAL REVISION OCCURS.

This information is believed to be accurate and represents the best information currently available to us. We however, make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.

The statements contained herein are for informational purposes, and are intended to be followed by persons having related technical skills and at their own discretion and risk. Since conditions and manner of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with use of any of this information. The data in this MSDS relates only to the specific material designed herein, and do not relate to any use in combination with other materials or process.

SECTION I - IDENTIFICATION SECTION:

| | |
|------------------------------|--|
| NAME OF PRODUCT: | LIQUID CLEANING COMPOUND |
| CHEMICAL NAME: | ACARIL |
| CHEMICAL FAMILY: | LAUNDERING CLEANER |
| CAS REGISTRY NUMBER: (s) | 68131-39-5, 26545-53-9, 68647-73-4, 111-42-2, 119-36-8 |
| DEPARTMENT OF TRANSPORTATION | |
| HAZARD CLASS: | NOT HAZARDOUS |
| SHIPPING NAME: | ACARIL |
| MANUFACTURER OR DISTRIBUTOR: | ALKALINE CORPORATION PO BOX 306 OAKHURST, NJ 07755 |
| CONTACT PERSON: | RON KAY |
| TELEPHONE NUMBER: | 1 800 686 6483 732 531 7830 |
| DATED: | June 1, 2011 |
| FORMULA: | ACARIL ANTI ALLERGEN |

SECTION II – HAZARDOUS INGREDIENTS:

NONE NOTED

SECTION III - PHYSICAL DATA:

| | |
|-------------------------|--|
| APPEARANCE: | LIGHT BLUE GREEN COLOR SEMI-VISCOUS FOAMY LIQUID |
| ODOR: | WINTERGREEN/TEA TREE ODOR |
| MELTING POINT: | UNDETERMINED |
| DENSITY: | 8.4 lb./gal. @ 25C |
| VAPOR DENSITY (AIR=1): | NA |
| VAPOR PRESSURE (mm Hg): | NA |
| EVAPORATION RATE: | NA |
| BOILING POINT: | >100C @ 1ATM |
| SOLUBILITY IN WATER: | TOTAL |

SECTION IV - FIRE AND EXPLOSION DATA:

| | |
|-----------------------------|------|
| FLASH POINT: | DNA |
| FLASH IGNITION TEMPERATURE: | DNA |
| METHOD: | |
| FIRE AND EXPLOSION HAZARDS: | NONE |

| | |
|--|--------------------------------|
| FIRE EXTINGUISHING MEDIA: | WATER OR CHEMICAL EXTINGUISHER |
| SPECIAL FIRE FIGHTING INSTRUCTIONS: | NONE |
| HAZARDOUS REACTIVITY: | NO POLYMERIZATION |
| CONDITIONS TO AVOID: | NONE |
| MATERIALS TO AVOID: | NONE |
| HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS: | NONE |

SECTION V - HEALTH AND HAZARD DATA:

ACUTE EFFECTS OF EXPOSURE:

CARCINOGENICITY:

NTP: NO IARC: NO OSHA: NO

- EYES: May cause severe eye irritation.
- SKIN: Repeated or prolonged contact may cause skin irritation.
- INHALATION: Mist may cause irritation to mucous membranes and respiratory tract.
- INGESTION: May result in gastric disturbances.
- CHRONIC EFFECTS and MEDICAL CONDITIONS: The effects of long-term, low-level exposures to this product have not been determined. This product may aggravate existing eye, skin and respiratory conditions.

INGESTION (SWALLOWING): If swallowed, give several glasses of water. Do not induce vomiting. If vomiting does occur, give fluids again and keep head below hips to help prevent aspiration. Do not give anything by mouth to an unconscious person. Get immediate medical attention.

INHALATION (BREATHING): Remove to fresh air

SKIN CONTACT: Flush with water. Remove contaminated clothing. Launder contaminated clothing before reuse.

EYE CONTACT: Flush with copious amounts of water for at least 15 minutes. Get medical attention.

| | |
|---------------------------------|---|
| CHRONIC EFFECTS OF EXPOSURE: | NONE KNOWN |
| THRESHOLD UNIT VALUE: | NA |
| EMERGENCY FIRST AID PROCEDURES: | WASH, FLUSH AND RINSE WITH WATER OR SALINE SOLUTION |
| INGESTION (SWALLOWING): | DRINK PLENTY OF WATER |
| INHALATION (BREATHING): | FLUSH SINUS WITH SALINE RINSE |
| SKIN EXPOSURE: | RINSE WITH WATER |

WARNING: Causes eye irritation. May cause skin irritation with prolonged contact. Inhalation of mist may cause irritation to respiratory tract. Avoid contact with eyes and prolonged contact with skin. Wash thoroughly after handling. Do not take internally.

TOXICITY DATA:
AQUATIC TOXICITY: NOT TOXIC

SECTION VI - REACTIVITY DATA:

STABILITY: DOES NOT REACT – WATER MISCIBLE

HAZARDOUS DECOMPOSITION PRODUCTS: DOES NOT POLYMERASE

HAZARDOUS POLYMERIZATION: NONE
INCOMPATIBILITIES: NONE

SECTION VII - SPILL OR LEAK PROCEDURES:

WIPE SPILL WITH TOWEL AND PLACE IN GARBAGE SPILL, LEAK OR RELEASE: CONTAIN LEAK AND WIPE DRY WITH CLOTH OR TOWEL. PLACE WASTE IN GARBAGE

WASTE DISPOSAL PROCEDURE: not considered hazardous waste, dispose as required by all government regulations

RCRA STATUS: Based on chemical composition and pH (40 CFR Sec. 261.22), this material is not classified as a hazardous waste if disposed as shipped.
All label precautions must be observed when handling, storing and transporting empty containers due to product residues. Do not reuse this container unless it is professionally cleaned and reconditioned.

SECTION VIII - OCCUPATIONAL CONTROL MEASURES:

WARNING: Causes eye irritation. May cause skin irritation with prolonged contact. Inhalation of mist may cause irritation to respiratory tract. Avoid contact with eyes and prolonged contact with skin. Wash thoroughly after handling. Do not take internally.

Handle according to good manufacturing and warehousing practices. Use good personal hygiene practices. Wash hand before eating, drinking, smoking or using toilet facilities. Promptly remove soiled clothing and wash thoroughly before reuse. Store only in tightly closed containers away from excessive heat.

AIRBORNE EXPOSURE LIMITS: AVOID BREATHING FOR PROLONGED TERMS
SKIN PROTECTION: USE LATEX GLOVES
EYE PROTECTION: USE ADEQUATE EYE PROTECTION
VENTILATION SYSTEM : VENTILATE PROPERLY
RESPIRATORY PROTECTION: USE PROTECTIVE MASK

SECTION IX - SPECIAL PRECAUTIONS:

WARNING: Causes eye irritation. May cause skin irritation with prolonged contact. Inhalation of mist may cause irritation to respiratory tract. Avoid contact with eyes and prolonged contact with skin. Wash thoroughly after handling. Do not take internally.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
USE PROTECTIVE EYE GEAR
AVOID PROLONGED BREATHING OF VAPOR.
HANDLE WITH LATEX GLOVES

SECTION X – HANDLING AND STORAGE:

HANDLING PROCEDURES AND EQUIPMENT:

STORAGE REQUIREMENTS:

SECTION XI – TOXICOLOGICAL INFORMATION:

EFFECTS OF ACCUTE EXPOSURE:

EFFECTS OF CHRONIC EXPOSURE:
IRRITANCY OF PRODUCT:
SKIN SENSITIZATION:
RESPIRATORY SENSITIZATION:
CARCINOGENICITY — IARC :
CARCINOGENICITY — ACGIH:
REPRODUCTIVE TOXICITY:
TERATOGENICITY:
EMBRYOTOXICITY:
MUTAGENICITY:

NAME OF SYNERGISTIC PRODUCTS/EFFECTS:

SECTION XII – ECOLOGICAL INFORMATION:

AQUATIC TOXICITY:

SECTION XIII – DISPOSAL CONSIDERATIONS:

AQUATIC TOXICITY:

SECTION XIV – TRANSPORT INFORMATION:

SPECIAL SHIPPING INFORMATION

PIN:

TDG

DOT:

IMO:

ICAO:

SECTION XV – REGULATORY INFORMATION:

[WHMIS CLASSIFICATION]

[OSHA]

[SERA]

[TSCA]

SECTION XVI – REGULATORY INFORMATION:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

SECTION XVII – OTHER INFORMATION:

*N/A MEANS NOT APPLICABLE