

MATERIAL SAFETY DATA SHEET

MSDS G-109 REVISION 0

THE DIAL CORPORATION
DIAL CENTER FOR INNOVATION
15101 NORTH SCOTTSDALE ROAD
SCOTTSDALE, ARIZONA 85254

MEDICAL EMERGENCIES: 1-888-689-9082
CHEMTREC: 1-800-424-9300 (24 Hours Daily)
OTHER INFORMATION: 1-888-468-6673

SUBSTANCE IDENTIFICATION

SUBSTANCE: LIQUID FABRIC SOFTENER

TRADE NAMES/SYNONYMS: **PUREX® SOFT FABRIC SOFTENER—AFTER THE RAIN**
PUREX® SOFT FABRIC SOFTENER—MOUNTAIN BREEZE
ULTRA PUREX® SOFT—AFTER THE RAIN
ULTRA PUREX® SOFT—MOUNTAIN BREEZE
ULTRA PUREX® SOFT— PLUS RENUZIT SUPER ODOR NEUTRALIZER
PUREX® SOFT—PLUS RENUZIT SUPER ODOR NEUTRALIZER

CHEMICAL FAMILY: Mixture

I.D. NUMBERS: 99102299, 99102302 (Mt. Breeze); 99102300, 99102301 (After The Rain) ; 99102390, 99102392 (Plus Renuzit)

NFPA RATINGS (Scale 0-4, where 4=high degree of hazard): HEALTH=1 FLAMMABILITY=1 REACTIVITY=0
HMIS RATINGS (Scale 0-4, where 4=severe hazard): HEALTH=1 FLAMMABILITY=1 REACTIVITY=0

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission. The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this Material Safety Data Sheet differ from the requirements of the CPSC and as a result, this MSDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

HAZARDOUS INGREDIENT INFORMATION

COMPONENT: ESTERQUAT CATIONIC SOFTENER

CAS# PROPRIETARY

Carcinogen status of components: Not listed as carcinogenic by NTP, IARC, or OSHA.

PHYSICAL AND CHEMICAL DATA

DESCRIPTION: light blue or green liquid with a pleasant odor.

SPECIFIC GRAVITY: 1.002 @ 20°C,
rpm,
1.005 @ 25°C

VISCOSITY: 30-60, LVF spindle 1 @ 60
40-100, LVF spindle 1 @ 30 rpm, @ 25°C
100-200, LVF spindle 2 @ 30 rpm, @ 25°C

SOLUBILITY IN WATER: Complete.

pH: 2.7 – 3.7 (as is)

FIRE AND EXPLOSION DATA

FLASH POINT: >200 °F

OSHA FLAMMABILITY CLASSIFICATION: Combustible Liquid – Class III B

FIRE AND EXPLOSION HAZARD – Slight fire hazard when exposed to heat or flame.

FIRE FIGHTING MEDIA - Dry chemical, carbon dioxide, water spray, fog or alcohol-resistant foam.

FIRE FIGHTING - Move container from fire area if you can do it without risk. Do not scatter spilled material with high-pressure water streams. Dike fire-control water for later disposal. Use agents suitable for type of surrounding fire. Avoid breathing hazardous vapors, keep upwind.

HEALTH HAZARD DATA

NOTE: The acute health effects described below are those which could potentially occur for the finished product. They are based on the toxicology information available for the finished product and/or each hazardous ingredient, and are consistent with the product type and the likelihood of a specific route of exposure. Known chronic health effects related to exposure to a specific ingredient are indicated.

ACUTE HEALTH EFFECTS:

INHALATION: Vapors may cause mild irritation of the nose, throat and respiratory tract.

SKIN CONTACT: May cause irritation. Repeated or prolonged excessive contact may cause dermatitis.

EYE CONTACT: May cause irritation.

INGESTION: May cause gastrointestinal irritation with nausea and vomiting.

MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: Pre-existing skin or respiratory conditions.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Immediately remove from exposure area to fresh air. Keep affected person warm and at rest. Treat symptomatically and supportively. Contact physician or local poison control center. If breathing has stopped, give artificial respiration, and get medical attention immediately.

SKIN CONTACT: Remove contaminated clothing and shoes. Rinse affected area with plenty of water until no evidence of product remains. Get medical attention if irritation persists.

EYE CONTACT: Immediately rinse eyes with plenty of water, occasionally lifting upper and lower lids, until no evidence of product remains. Get medical attention if pain or irritation persist.

INGESTION: Treat symptomatically and supportively. Maintain airway and respiration. If vomiting occurs, keep head below hips to prevent aspiration. Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. If unconscious, the victim should not be given anything to drink. Contact physician or poison control center immediately.

REACTIVITY

REACTIVITY - Stable under normal temperatures and pressures. Reactive with chlorine to form chloramines.

INCOMPATIBILITIES: Strong oxidizers, acids, and anionic surfactants.

DECOMPOSITION - Thermal decomposition products may include ammonia and toxic oxides of nitrogen and carbon.

POLYMERIZATION - Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

STORAGE AND DISPOSAL

Store away from incompatible substances. Observe all federal, state and local regulations when storing or disposing of this substance.

CONDITIONS TO AVOID

May burn but does not ignite readily. Avoid contact with incompatible substances and excessive heat.

SPILL AND LEAK PROCEDURES

OCCUPATIONAL SPILL - Stop leak if you can do it without risk. For small spills, take up with sand or other absorbent material and place into clean, dry containers for later disposal. For larger spills, dike far ahead of spill for later disposal. Keep unnecessary people away.

OCCUPATIONAL PROTECTIVE EQUIPMENT

VENTILATION - Provide local exhaust ventilation to meet permissible exposure limits, where vapors may be generated during product processing.

RESPIRATOR - If respiratory protection is required, it must be based on the contamination levels found in the workplace, must not exceed the working limits of the respirator and be jointly approved by the National Institute for Occupational Safety and Health and the Mine Safety and Health Administration (NIOSH-MSHA).

FOR FIRE FIGHTING AND OTHER IMMEDIATELY DANGEROUS TO LIFE OR HEALTH CONDITIONS -

Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode. Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressure-demand or other positive-pressure mode.

CLOTHING - Protective clothing is required where prolonged or repeated skin contact may occur.

GLOVES - Chemical-resistant gloves are required where prolonged or repeated skin contact may occur.

EYE PROTECTION - Safety glasses are required to prevent eye contact if splashing of product may occur.

REGULATORY INFORMATION

DOT FLAMMABILITY CLASSIFICATION: Not applicable.

EPA - SARA TITLE III SECTION 313: Not applicable – Consumer product.

TSCA: All components of this product are listed or are exempted or excluded from listing on the U.S. Toxic Substances Control Act (TSCA) chemical substance inventory.

The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, The Dial Corporation makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular purpose. Accordingly, The Dial Corporation will not be responsible for damages of any kind resulting from the use of or reliance upon such information. No representations, or warranties, either expressed or implied or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to the information set forth herein or to the product to which the information refers.

MSDS CREATION DATE: 01/12/06
SUPERSEDES:
REVISION DATE:
REVISION: