

MATERIAL SAFETY DATA SHEET

MSDS L-132

REVISION 3

THE DIAL CORPORATION
CONSUMER PRODUCTS GROUP
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-----SUBSTANCE IDENTIFICATION -----

SUBSTANCE: LIQUID ANTIBACTERIAL SOAP

TRADE NAMES/SYNONYMS: LIQUID DIAL FOR SENSITIVE SKIN; LIQUID DIAL KITCHEN
FORMULA; LIQUID DIAL FOR KIDS (PINK & GREEN) DIA0C087

CHEMICAL FAMILY: MIXTURE

I.D. NUMBERS: 901736-1 (SENSITIVE SKIN), 901721-0 (KITCHEN),
901722-0 & 901723-0 (KIDS)

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 GUIDELINES SET FORTH IN THE
FOOD, DRUG, AND COSMETIC ACT. 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 MAY DIFFER FROM THE
REQUIREMENTS OF THE FD & C ACT 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: COCAMIDOPROPYL BETAINE	CAS# 61789-40-0
COMPONENT: C8-10 & C10-16 POLYGLYCOSIDES (DECYL POLYGLUCOSE)	CAS# 66515-73-1 & 110615-47-9 (MIXTURE)
COMPONENT: LAURAMIDE DEA	CAS# 120-40-1
COMPONENT: SODIUM LAURETH SULFATE	CAS# 9004-82-4

OCCUPATIONAL EXPOSURE LIMITS: NONE ESTABLISHED BY OSHA, ACGIH, OR NIOSH.

CARCINOGEN STATUS OF COMPONENTS: NOT LISTED AS CARCINOGENIC BY NTP, IARC,
OR OSHA.

-----PHYSICAL AND CHEMICAL DATA -----

DESCRIPTION: CLEAR GOLD, PINK, OR GREEN LIQUID WITH A PLEASANT FRAGRANCE.

SPECIFIC GRAVITY: NOT AVAILABLE

PH: 5.8-6.9 @ 25 DEG. C

VISCOSITY: 4500 +/- 1500 CPS @ 25 DEG. C

SOLUBILITY: COMPLETE.

-----FIRE AND EXPLOSION DATA -----

FIRE AND EXPLOSION HAZARD - THE FIRE HAZARD FOR THIS PRODUCT HAS NOT BEEN DETERMINED. THE HAZARD(S) OF THE COMPONENT(S) WITH THE MOST SEVERE HAZARD(S) ARE:

SLIGHT FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME.

FIRE FIGHTING MEDIA - DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY OR REGULAR FOAM. FOR LARGER FIRES, USE WATER SPRAY, FOG OR REGULAR FOAM.

FIRE FIGHTING - MOVE CONTAINER FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK. APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO FLAMES UNTIL WELL AFTER FIRE IS OUT. EXTINGUISH ONLY IF FLOW CAN BE STOPPED; USE FLOODING AMOUNTS OF WATER AS A FOG, SOLID STREAMS MAY BE INEFFECTIVE. AVOID BREATHING 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: UNLIKELY TO OCCUR DUE TO THE PHYSICAL PROPERTIES OF THE PRODUCT.

SKIN CONTACT: REPEATED OR PROLONGED CONTACT MAY CAUSE IRRITATION.

EYE CONTACT: MAY CAUSE IRRITATION.

INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION WITH NAUSEA, VOMITING, AND DIARRHEA.

CHRONIC HEALTH EFFECTS: NONE.

MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: PRE-EXISTING SKIN 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:

RINSE AFFECTED AREA WITH 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 LOCAL POISON CONTROL CENTER.

-----REACTIVITY -----

REACTIVITY - STABLE UNDER NORMAL TEMPERATURES AND PRESSURES.

INCOMPATIBILITIES: STRONG OXIDIZERS, ACIDS.

DECOMPOSITION - THERMAL DECOMPOSITION MAY RELEASE TOXIC AND/OR HAZARDOUS GASES, INCLUDING CARBON MONOXIDE, CARBON DIOXIDE, OR OXIDES OF SULFUR.

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 -----

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 CONTAINERS FOR LATER DISPOSAL. FOR LARGER SPILLS, DIKE FAR AHEAD OF SPILL FOR LATER DISPOSAL. KEEP UNNECESSARY PEOPLE AWAY; ISOLATE HAZARD AREA AND RESTRICT ENTRY.

-----OCCUPATIONAL PROTECTIVE EQUIPMENT -----

VENTILATION - PROVIDE LOCAL EXHAUST VENTILATION SYSTEM.

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 SHOULD BE WORN WHERE PROLONGED SKIN CONTACT MAY OCCUR.

GLOVES - CHEMICAL-RESISTANT GLOVES SHOULD BE WORN WHERE PROLONGED SKIN CONTACT MAY OCCUR.

EYE PROTECTION - SPLASH-PROOF SAFETY GLASSES SHOULD BE WORN WHERE SPLASHING OF THE PRODUCT MAY OCCUR.

-----REGULATORY INFORMATION -----

DOT/EPA HAZARD CLASS: NOT APPLICABLE.

SHIPPING NAME: SEE PRODUCT NAME.

EPA - SARA TITLE III SECTION 313: TOXIC CHEMICAL - NO.

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REVISION DATE: 01/09/95

REVISION: UPDATE I.D. NUMBER, ADJUST pH RANGE.

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