

UNISOURCE WORLDWIDE, INC./
 DIVISION OF GEORGIA PACIFIC CORP.
 133 PEACHTREE STREET, N.E.
 ATLANTA, GA 30303

PRODUCT NAME: **MINT-O-DIS**

UNISOURCE ITEM #: U17684, U17685, U17686
 CALL NEAREST SALES OFFICE FOR MSDS
 INFORMATION 1-800-864-7687 **EMERGENCY NO. 1-888-660-6737**

HEALTH: 3, FLAMMABILITY: 0, REACTIVITY: 0

DOT DESCRIPTION: COMPOUNDS, CLEANING LIQUID
 (CONTAINS ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE)
 8 NA1760 PGI III

I - INGREDIENTS

	APPROXIMATE WEIGHT %	TWA/TLV
N,N-DIDECYL-N,N-DIMETHYLAMMONIUM CHLORIDE (CAS NO. 7173-51-5)	0.94	NONE ESTABLISHED
N-ALKYL (C12-16) DIMETHYLBENZYLAMMONIUM CHLORIDE (CAS NO. 8001-54-5)	0.62	NONE ESTABLISHED
NONYLPHENOL ETHOXYLATE (CAS NO. 127087-87-0)	0.63	NONE ESTABLISHED
AND/OR NONYLPHENOL (BRANCHED) ETHOXYLATE	0.63	NONE ESTABLISHED
TETRASODIUM ETHYLENEDIAMINE TETRAACETATE (CAS NO. 64-02-8)	0.21	NONE ESTABLISHED
ETHANOL (CAS NO. 64-17-5)	0.31	1000 PPM (OSHA-PEL) 1000 PPM (ACGIH-TWA)
FRAGRANCE	0-1.0	NONE ESTABLISHED
DYE	0-0.1	NONE ESTABLISHED
WATER (CAS NO. 7732-18-5)	96.2-98.44	NONE ESTABLISHED

II - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: CLEAR GREEN LIQUID
 VISCOSITY: LT 100 CPS @ 25 C BOILING POINT: NOT KNOWN
 VAPOR DENSITY (AIR=1): NOT KNOWN PERCENT VOLATILE (BY WEIGHT): 96-97
 EVAPORATION RATE (BUTYL ACETATE=1): NOT KNOWN PH: 8.5-8.8
 ODOR: MINT
 MELTING OR FREEZING POINT: NOT KNOWN VAPOR PRESSURE (MM HG): NOT KNOWN
 SPECIFIC GRAVITY (WATER=1): 1.00 @ 25 C SOLUBILITY IN WATER: SOLUBLE

III - FIRE AND EXPLOSION INFORMATION

FLASH POINT: GT 200 F AUTOIGNITION TEMPERATURE: NOT KNOWN
 LOWER EXPLOSION LIMIT (%): NOT APPLICABLE
 UPPER EXPLOSION LIMIT (%): NOT APPLICABLE
 EXTINGUISHING MEDIA: ALCOHOL FOAM, CO2, DRY CHEMICAL and/or WATER
 SPECIAL FIRE FIGHTING PROCEDURES: MUST WEAR NIOSH/MSHA APPROVED SELF-
 CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. COOL FIRE-EXPOSED
 CONTAINERS WITH WATER SPRAY.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: PRODUCTS OF COMBUSTION ARE TOXIC.

IV - HEALTH EFFECTS INFORMATION

ROUTES OF ENTRY - SKIN CONTACT, EYE CONTACT, INGESTION, INHALATION

EFFECTS OF OVEREXPOSURE:

NO INFORMATION FOUND FOR THIS MATERIAL. BASED ON THE AVAILABLE ANIMAL TOXICITY INFORMATION FOR RELATED PRODUCTS, IT IS ANTICIPATED THAT DIRECT CONTACT WITH THIS MATERIAL WILL PRODUCE SEVERE SKIN AND EYE IRRITATION. UPON PROLONGED CONTACT, CHEMICAL BURNS WITH POSSIBLE IRREVERSIBLE DAMAGE MAY OCCUR. MISTS OF PRODUCTS CAN CAUSE IRRITATION OR MUCOUS MEMBRANES. OVEREXPOSURE MAY AGGRAVATE EXISTING CONDITIONS: NO EFFECTS INDICATED.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH EYES WITH LARGE AMOUNTS OF RUNNING WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS APART TO ENSURE RINSING OF THE ENTIRE SURFACE OF THE EYE AND LIDS WITH WATER. GET IMMEDIATE MEDICAL ATTENTION. IF PHYSICIAN NOT AVAILABLE, FLUSH FOR ADDITIONAL 15 MINUTES AND THEN TRANSPORT VICTIM TO MEDICAL CARE.

SKIN: WASH WITH LARGE AMOUNTS OF RUNNING WATER, AND SOAP IF AVAILABLE, FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. GET IMMEDIATE MEDICAL ATTENTION. WASH CLOTHING AND DECONTAMINATE SHOES BEFORE REUSE.

INGESTION: IF SWALLOWED, IMMEDIATELY GIVE 3-4 GLASSES OF MILK (IF UNAVAILABLE, GIVE WATER). DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. GET IMMEDIATE MEDICAL ATTENTION. HAVE PHYSICIAN DETERMINE IF PATIENT'S CONDITION ALLOWS FOR INDUCTION OF VOMITING OR EVACUATION OF THE STOMACH. DO NOT GIVE ANYTHING BY MOUTH TO CONVULSING OR UNCONSCIOUS PERSON.

INHALATION: REMOVE FROM AREA TO FRESH AIR. IF NOT BREATHING, CLEAR AIRWAY AND START ARTIFICIAL RESPIRATION. IF VICTIM IS HAVING TROUBLE BREATHING, GIVE SUPPLEMENTAL OXYGEN, IF AVAILABLE. GET IMMEDIATE MEDICAL ATTENTION.

NOTE TO PHYSICIAN: PROBABLE MUCOSAL DAMAGE MAY CONTRAINDICATE THE USE OF GASTRIC LAVAGE. SUPPLEMENTAL OXYGEN AND OTHER MEASURES TO SUPPORT BREATHING MAY BE NEEDED TO COMBAT CIRCULATORY SHOCK. PERSISTENT CONVULSIONS MAY BE CONTROLLED BY THE CAUTIOUS INTRAVENOUS INJECTION OF A SHORT ACTING BARBITURATE DRUG.

CHEMICALS LISTED AS CARCINOGEN BY: (YES OR NO)
NATIONAL TOXICOLOGY PROGRAM - NO, I.A.R.C. MONOGRAPHS - NO, OSHA - NO

V - REACTIVITY INFORMATION

STABILITY - STABLE

CONDITIONS TO AVOID: NONE KNOWN

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION MAY PRODUCE TOXIC VAPORS/FUMES OF HYDROGEN CHLORIDE, AMINES AND OTHER ORGANIC MATERIALS, AND OXIDES OF CARBON AND NITROGEN.

HAZARDOUS POLYMERIZATION - WILL NOT OCCUR

CONDITIONS TO AVOID: NONE KNOWN INCOMPATIBILITY (MATERIALS TO AVOID):

WATER OTHER: NONE KNOWN

VI - SPILL AND DISPOSAL INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

CAUTION! FLOORS MAY BECOME SLIPPERY. WEAR APPROPRIATE PROTECTIVE GEAR AND RESPIRATORY PROTECTION WHERE MISTS OR VAPORS OF UNKNOWN CONCENTRATIONS MAY BE GENERATED (SELF-CONTAINED BREATHING APPARATUS PREFERRED). DIKE AND CONTAIN SPILL WITH INERT MATERIAL (SAND, EARTH, ETC.) AND TRANSFER THE LIQUID AND SOLID SEPARATELY TO CONTAINERS FOR RECOVERY OR DISPOSAL. KEEP SPILL OUR OF SEWERS AND OPEN BODIES OF WATER.

WASTE DISPOSAL METHODS: DISPOSE OF IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. INCINERATION IS THE PREFERRED METHOD.

CONTAINER DISPOSAL: TRIPLE RINSE (OR EQUIVALENT). THEN OFFER FOR RECYCLING OR RECONDITIONING, OR PUNCTURE AND DISPOSE OF IN A SANITARY

MATERIAL SAFETY DATA SHEET

LANDFILL, OR INCINERATION, OR, IF ALLOWED BY STATE AND LOCAL AUTHORITIES, BY BURNING. IF BURNED, STAY OUT OF SMOKE.

VII - PERSONAL PROTECTION INFORMATION

VENTILATION TYPE: IN PROCESSES WHERE MISTS OR VAPORS MAY BE GENERATED, PROPER VENTILATION MUST BE PROVIDED IN ACCORDANCE WITH GOOD VENTILATION PRACTICES.

RESPIRATORY PROTECTION: IN PROCESSES WHERE MISTS OR VAPORS MAY BE GENERATED, A NIOSH/MSHA JOINTLY APPROVED RESPIRATOR IS ADVISED IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROLS.

PROTECTIVE GLOVES: RUBBER OR NEOPRENE, WHEN NEEDED TO PREVENT SKIN CONTACT.

EYE PROTECTION: WEAR CHEMICAL SPLASH GOGGLES WHERE THERE IS A POTENTIAL FOR EYE CONTACT. USE SAFETY GLASSES WITH SIDE SHIELDS UNDER NORMAL USE CONDITIONS.

OTHER PROTECTIVE EQUIPMENT: EYE WASH; SAFETY SHOWER; PROTECTIVE CLOTHING (LONG SLEEVES, COVERALLS OR OTHER, AS APPROPRIATE), WHEN NEEDED, TO PREVENT SKIN CONTACT.

VIII - STORAGE AND HANDLING

PRECAUTIONS FOR STORAGE AND HANDLING: STORE AT TEMPERATURES BELOW 140 F. KEEP CONTAINERS CLOSED UNTIL USED. DO NOT CONTAMINATE DRINKING WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

IX - TOXICOLOGY INFORMATION

TOXICITY: NO TOXICITY INFORMATION IS AVAILABLE FOR THIS SPECIFIC MATERIAL.

X - MISCELLANEOUS AND REGULATORY INFORMATION

FEDERAL LEVEL REGULATIONS: TOXIC SUBSTANCE CONTROL ACT (TSCA INVENTORY) STATUS: THIS PRODUCT IS CURRENTLY LISTED ON U.S. EPA TSCA 8(B) INVENTORY LIST.

EPA REGULATION ON PESTICIDES: THIS PRODUCT IS AN EPA FIFRA REGISTERED PESTICIDE, EPA REGISTRATION NO. 47371-36. THIS PRODUCT CAN ONLY BE USED COMMERCIALY IN THE EPA FIFRA REGISTERED APPLICATION(S) NOTED ON THE PRODUCT LABEL.

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT OF 1980) REQUIRES NOTIFICATION OF THE NATIONAL RESPONSE CENTER (TELEPHONE 800-424-8802) IN THE EVENT OF A RELEASE OF QUANTITIES OF THE FOLLOWING HAZARDOUS MATERIALS CONTAINED IN THIS PRODUCT, IF THE RELEASE IS EQUAL TO OR GREATER THAN THE REPORTABLE QUANTITIES (RQS) LISTED IN 40 CFR 302.4:

NONE KNOWN

SARA TITLE III, SECTIONS 302/304 COMPONENTS IN 40 CFR 355: NONE KNOWN

SARA TITLE III SECTIONS 311/312 - THIS ACT REQUIRES REPORTING UNDER THE COMMUNITY RIGHT-TO-KNOW PROVISIONS DUE TO THE INCLUSION OF THE FOLLOWING COMPONENTS OF THIS MATERIAL IN ONE OR MORE OF THE FIVE HAZARD CATEGORIES LISTED IN 40 CFR 370:

CHEMICAL NAME	CAS NUMBER	HAZARD *) CATEGORIES
N,N-DIDECYL-N,N-DIMETHYLAMMONIUM CHLORIDE	7173-51-5	A

*) THE FIVE HAZARD CATEGORIES ARE AS FOLLOWS: F= FIRE HAZARD; S=SUDDEN RELEASE OF PRESSURE; R=REACTIVE; A=IMMEDIATE (ACUTE) HEALTH HAZARD; C=DELAYED (CHRONIC) HEALTH HAZARD

SARA TITLE III SECTION 313 - COMPONENTS AS LISTED IN 40 CFR 372, ARE MET OR EXCEEDED: NONE KNOWN

STATE RIGHT-TO-KNOW REGULATIONS: THE FOLLOWING COMPONENTS APPEAR ON ONE OR MORE OF THE FOLLOWING STATE HAZARDOUS SUBSTANCE LISTS:

COMPONENT	CAS No.	MAX. CONCEN-TRATION	CA PROP 65 - CANCER	CA PROP 65 - REPRODUCTIVE	MA	MI	NJ	PA
ACETALDEHYDE	75-07-0	35ppb	X	NO	NO	NO	NO	NO
BENZENE	71-43-2	2ppm	X	X	X	NO	NO	NO
BENZYL CHLORIDE	100-44-7	3ppm	X	NO	X	NO	NO	NO
1,4-DIOXANE	123-91-9	65ppb	X		NO			
ETHYLENE OXIDE	75-21-8	6ppb	X		NO			
N-NITROSODI-METHYLAMINE	62-75-9	15ppb	X	NO	NO	NO	NO	NO
TOLUENE	108-88-3	4ppm	NO	X	NO	NO	NO	NO
N,N-DIDECYL-N,N-DIMETHYL AMMONIUM CHLORIDE	7173-51-5	1%	NO	NO	NO	NO	X	NO

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