

MSDS 541, 542

H1DGL0541 BROTHERS RESEARCH CORPORATION
D1 SURFACTANTS / SODIUM HYPOCHLORITE

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D1 MATERIAL SAFETY DATA SHEET
D1 EFFECTIVE DATE: 1/1/13 CODE: 541
D1 SURFACTANTS / SODIUM HYPOCHLORITE

D1=====

D1 SECTION 1 - PRODUCT AND COMPANY INFORMATION

D1=====

D1 PRODUCT NAME: SURFACTANTS, SODIUM HYPOCHLORITE
D1 COMMON NAME: DURAGLOSS CLEANER/MILDEW BUSTER, PART #541,22oz
D1 DURAGLOSS CLEANER/MILDEW BUSTER, PART #542,GAL
D1 MANUFACTURER'S NAME: BROTHERS RESEARCH CORPORATION
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D1 SECTION 2 - HAZARDOUS INGREDIENTS

CAS NO.	INGREDIENT	% BY WT.	V.P.
7681-52-9	SODIUM HYPOCHLORITE	PRIORITORY	

D1=====

D1 SECTION 3 - HAZARDS IDENTIFICATION

D1 *****EMERGENCY OVERVIEW*****

D1 * CAUSES EYE IRRITATION. CLEAR LIQUID SUBSTANCE. *

D1 *****

D1 CHRONIC CANCER INFORMATION: NOT DATA
D1 TERATOLOGY (BIRTH DEFECT) INFORMATION: NO DATA
D1 REPRODUCTION INFORMATION: NOT DATA AVAILABLE

D1=====

D1 SECTION 4 - FIRST AID MEASURES

D1 EYES - MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR.
D1 FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.
D1 SEEK MEDICAL ATTENTION IF IRRITATION OCCURS.

D1 SKIN - REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.
D1 LAUNDER CLOTHING BEFORE USE.

D1 INGESTION - DO NOT INDUCE VOMITING. CONTACT LOCAL POISON CONTROL
D1 CENTER OR PHYSICIAN IMMEDIATELY

D1 INHALATION - REMOVE TO FRESH AIR. IF NOT BREATHING GIVE
D1 ARTIFICIAL RESPIRATION. SEEK IMMEDIATE MEDICAL
D1 ATTENTION.

D1=====

D1 SECTION 5 - FIREFIGHTING MEASURES

D1 FLAMMABLE PROPERTIES:
D1 FLASH POINT : NOT FLAMMABLE
D1 FLAMMABLE LIMITS:
D1 LOWER FLAMMABLE LIMIT: NA
D1 UPPER FLAMMABLE LIMIT: NA
D1 AUTOIGNITION TEMPERATURE: NA
D1 HAZARDOUS COMBUSTION PRODUCTS: NA
D1 EXTINGUISHING MEDIA: REGULAR FOAM, CARBON DIOXIDE, DRY
D1 CHEMICAL AND WATER.
D1 FIREFIGHTING INSTRUCTIONS: WEAR POSITIVE PRESSURE SCBA

D1=====

D1 SECTION 6 - ENVIRONMENTAL RELEASE MEASURES
D1 SMALL SPILL: ABSORB SPILL ON VERMICULITE FLOOR ABSORBENT
D1 OR OTHER ABSORBENT MATERIAL.
D1 LARGE SPILL: STOP AT SPILL SOURCE, PREVENT FROM SPREADING.
D1 IF RUNOFF OCCURS, NOTIFY AUTHORITIES AS
D1 REQUIRED. PUMP OR VACUUM TRANSFER SPILLED
D1 PRODUCT TO CLEAN CONTAINERS FOR RECOVERY.
D1 ABSORB UNRECOVERABLE PRODUCT. TRANSFER
D1 CONTAMINATED ABSORBENT, SOIL AND OTHER
D1 MATERIAL TO CONTAINERS FOR DISPOSAL.
D1 CLOSE CONTAINER TIGHTLY AND DISPOSE
D1 OF PROPERLY.

D1=====

D1 SECTION 7 - HANDLING AND STORAGE
D1 HANDLING: AVOID CONTACT WITH FOOD. WASH HANDS AFTER USE.
D1 TREAT EMPTY DRUMS WITH CAUTION AND OBSERVE
D1 INSTRUCTIONS AS STATED IN THIS MSDS.
D1 STORAGE: STORE IN WELL VENTILATED AREA.

D1=====

D1 SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION
D1 ENGINEERING CONTROLS: USE ONLY WITH ADEQUATE VENTILATION.
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D1 RESPIRATORY PROTECTION: WHEN RESPIRATORY PROTECTION IS
D1 REQUIRED, OR CONCENTRATIONS ARE UNKNOWN USE
D1 NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR
D1 EQUIPPED WITH ORGANIC VAPOR CARTRIDGES OR
D1 CANISTERS. FOR EMERGENCY AND OTHER CONDITIONS
D1 WHERE EXPOSURE LIMIT MAY BE GREATLY EXCEEDED,
D1 USE AN APPROVED POSITIVE PRESSURE SELF CONTAINED
D1 BREATHING APPARATUS OR POSITIVE PRESSURE AIRLINE
D1 WITH AUXILIARY SELF CONTAINED AIR SUPPLY.
D1 SKIN PROTECTION: FOR BREIF CONTACT, NO PRECAUTIONS OTHER
D1 THAN CLEAN BODY-COVERING SHOULD BE NEEDED. USE
D1 IMPERVIOUS GLOVES SUCH AS NEOPRENE.
D1 EYE PROTECTION: USE CHEMICAL GOGGLES IN COMPLIANCE WITH
D1 OSHA REGULATIONS.

D1=====

D1 SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES
D1 BOILING POINT: 212 DEG. F
D1 MELTING POINT: NO DATA
D1 VAPOR PRESSURE: NA
D1 SOLUBILITY IN WATER: SOLUBLE
D1 SPECIFIC GRAVITY: 1.00
D1 pH: 10-11
D1 ODOR: LEMON ODOR
D1 APPEARANCE: CLEAR LIQUID

D1=====

D1 SECTION 10 - STABILITY AND REACTIVITY
D1 CHEMICAL STABILITY: STABLE
D1 INCOMPATIBILITY: STRONG OXIDIZERS
D1 HAZARDOUS DECOMPOSITION PRODUCTS: NONE
D1 HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

D1=====

D1 SECTION 11 - TOXICOLOGICAL INFORMATION
D1 NO DATA
D1=====

D1 SECTION 12- - ECOLOGICAL INFORMATION
D1 NO DATA
D1=====

D1 SECTION 13 - DISPOSAL CONSIDERATIONS
D1 WASTE MANAGEMENT INFORMATION: DISPOSE OF IN ACCORDANCE
D1 WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
D1=====

D1 SECTION 14 -TRANSPORT INFORMATION
D1 DOT INFORMATION -
D1 DOT DESCRIPTION: NOT REGULATED UNDER DOT
D1 NOS COMPONENT: NA
D1 RQ (REPORTABLE QUANTITY) - NA
D1=====

D1 SECTION 15 - REGULATORY INFORMATION
D1 US FEDERAL REGULATIONS:
D1 TSCA (TOXIC SUBSTANCES CONTROL ACT) STATUS
D1 TSCA (UNITED STATES) THE INTENTIONAL INGREDIENTS OF
D1 THIS PRODUCT ARE LISTED.
D1 CERCLA RQ - 40 CFR 302.4
D1 NONE LISTED
D1 SARA 302 COMPONENTS - 40 CFR 355 APPENDIX A
D1 NONE
D1 SECTION 311/312 HAZARD CLASS - 40 CFR 370.2
D1 IMMEDIATE() DELAYED() FIRE() REACTIVE() SUDDEN()
D1 WILL NOT OCCUR (X) RELEASE OF PRESSURE
D1 SARA 313 COMPONENTS - 40 CFR 372.65D1
D1 STATE AND LOCAL REGULATIONS
D1 CALIFORNIA PROPOSITION 65:
D1 NONE
D1=====

D1 SECTION 16 - OTHER INFORMATION
D1 THE INFORMATION HEREING IS GIVEN IN GOOD FAITH, BUT NO
D1 WARRANTY, EXPRESS OR IMPLIED, IS MADE.
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