
MATERIAL SAFETY DATA SHEET

HELENA LABORATORIES
1530 Lindbergh Dr./P.O. Box 752
Beaumont, TX 77704-0752
USA Toll Free 800-231-5663

DATE PREPARED: 3/4/2011
REVISION: 3

1. IDENTIFICATION:

PRODUCT NAME: REP WASH

PRODUCT NO.: 3331

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2. INGREDIENTS (THE ABOVE KIT CONTAINS THE FOLLOWING ITEMS):

Table with 3 columns: PRODUCT NUMBER, PRODUCT IDENTIFICATION (LABEL NAME), COMMENTS. Row 1: 3331, REP WASH, HAZARDOUS. Row 2: HAZARDOUS INGREDIENT, CAS #, %, SODIUM HYPOCHLORITE, 7681-52-9, 5.25, MSDS ATTACHED.

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ATTACHED ARE THE MSDSs FOR THE ABOVE NAMED HAZARDOUS INGREDIENTS.

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1. IDENTIFICATION:

NAME: SODIUM HYPOCHLORITE

CAS#: 7681-52-9

MOLECULAR FORMULA: NaOCl
 MOLECULAR WEIGHT: 74.5

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2. CHEMICAL COMPOSITION:

| CHEMICAL NAME/COMMON NAME | CAS # | % | EXPOSURE LIMITS | |
|---------------------------|-----------|--------|---------------------|---------------------|
| | | | OSHA PEL | ACGIH TLV |
| SODIUM HYPOCHLORITE | 7681-52-9 | 6-7.35 | NE | NE |
| SODIUM HYDROXIDE | 1310-73-2 | <1 | 2 mg/m ³ | 2 mg/m ³ |

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NA = Not Applicable
 NL = Not Listed

NE = Not Established
 NIF = No Information Found

3. HAZARD IDENTIFICATION:

EMERGENCY OVERVIEW: CORROSIVE.

PRIMARY ROUTE(S) OF ENTRY:

INHALATION? X SKIN? X INGESTION? X

ACUTE EFFECT OF OVEREXPOSURE:

EYES: MAY CAUSE SEVERE IRRITATION OR DAMAGE TO EYES.

SKIN: MAY CAUSE SEVERE IRRITATION OR DAMAGE TO SKIN.

INHALATION: VAPOR OR MIST MAY IRRITATE.

INGESTION: HARMFUL IF SWALLOWED.

CHRONIC EFFECTS OF EXPOSURE:

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4. FIRST AID MEASURES:

EYE CONTACT: HOLD EYE OPEN AND RINSE WITH WATER FOR 15-20 MINUTES. REMOVE CONTACT LENSES, AFTER 5 MINUTES. CONTINUE RINSING EYE. CALL A PHYSICIAN.

SKIN CONTACT: WASH SKIN WITH WATER FOR 15-20 MINUTES. IF IRRITATION DEVELOPS, CALL A PHYSICIAN.

INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS AFFECTED, CALL A PHYSICIAN.

INGESTION: DO NOT INDUCE VOMITING. DRINK A GLASSFUL OF WATER. IF IRRITATION DEVELOPS, CALL A PHYSICIAN. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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5. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT (METHOD USED): NONE

FLAMMABLE LIMITS: NONE LEL UEL

EXTINGUISHING MEDIA: NONE

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE. NOT FLAMMABLE OR EXPLOSIVE. PRODUCT DOES NOT IGNITE WHEN EXPOSED TO OPEN FLAME.

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6. SPILL OR LEAK PROCEDURES:

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

CONTROL SPILL. CONTAINERIZE LIQUID AND USE ABSORBENTS ON RESIDUAL LIQUID; DISPOSE APPROPRIATELY. WASH AREA AND LET DRY.

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7. HANDLING AND STORAGE:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

NO SPECIAL PROTECTION OR PRECAUTIONS HAVE BEEN IDENTIFIED FOR USING THIS PRODUCT UNDER DIRECTED CONSUMER USE CONDITIONS.

KEEP IN A TIGHTLY CLOSED CONTAINER, STORED IN A COOL, DRY AREA.

8. EXPOSURE CONTROL/PERSONAL PROTECTION:

RESPIRATORY PROTECTION (SPECIFY TYPE):

VENTILATION: X LOCAL EXHAUST: MECHANICAL: OTHER:

PROTECTIVE GLOVES: CHEMICAL RESISTANT GLOVES.

EYE PROTECTION: APPROPRIATE EYE PROTECTION (SAFETY GLASSES).

OTHER PROTECTIVE EQUIPMENT:

9. PHYSICAL DATA:

BOILING POINT: ~ 100°C/212°F SPECIFIC GRAVITY (H2O = 1): ~ 1.1 @ 70°F pH: ~ 11.4

VAPOR PRESSURE (MM HG.): NIF MELTING POINT:

VAPOR DENSITY (AIR = 1): NIF

SOLUBILITY IN WATER: COMPLETE APPEARANCE AND ODOR: CLEAR, LIGHT YELLOW LIQUID WITH CHLORINE ODOR

10. STABILITY AND REACTIVITY:

STABILITY: UNSTABLE: STABLE: X

INCOMPATIBILITY (MATERIALS TO AVOID): TOILET BOWL CLEANERS, RUST REMOVERS, VINEGAR, ACIDS OR AMMONIA AND SUREPREP.

HAZARDOUS DECOMPOSITION OF BY-PRODUCTS: CHLORINE AND OTHER CHLORINATED SPECIES.

HAZARDOUS POLYMERIZATION: MAY OCCUR: WILL NOT OCCUR: X

11. TOXICOLOGICAL INFORMATION:

LD50/LC50:

REPRODUCTIVE TOXICITY:

IRRITANCY, SENSITIVITY:

11. TOXICOLOGICAL INFORMATION (CONT):

CARCINOGENICITY: NL NTP? NL IARC? NL OSHA? NL

POTENTIAL HEALTH EFFECTS:

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12. ECOLOGICAL INFORMATION: NIF

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13. DISPOSAL CONSIDERATIONS: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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14. TRANSPORTATION INFORMATION: NOT RESTRICTED.

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15. REGULATORY INFORMATION: LISTED ON THE TSCA INVENTORY.

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16. OTHER INFORMATION:

The information herein is given in good faith but no warranty, expressed or implied, is made.