

SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION & COMPANY INFORMATION

PRODUCT: Dishforce
ITEM: 63209
RECOMMENDED USE: Mechanical Warewash Detergent

DATE ISSUED : 12/26/2019

SDS REF. No : 632

MANUFACTURER:
Chemcor Chemical Corp.
13770 Benson Avenue
Chino, CA 91710

24 HR. EMERGENCY TELEPHONE NUMBER:
INFOTRAC (US Transportation): (800) 535-5053
NON-EMERGENCY TELEPHONE NUMBER:
(909) 590-7234

2. HAZARDS INGREDIENTS & IDENTIFICATION

GHS CLASSIFICATION:
Skin Corrosion Category 2
Eye Damage/Irritation Category 2A
Corrosive to Metals Category 1

GHS LABEL ELEMENT

Hazard Pictograms



SIGNAL WORD: DANGER

HAZARD STATEMENTS: Causes severe skin burns and serious eye damage.

PREVENTION:

Wash skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE:

IF SWALLOWED: Do Not induce vomiting. Rinse mouth. Immediately drink 1 to 2 glasses of water or milk. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

IF in EYES: In case of contact, immediately flush thoroughly with plenty of cool running water. Remove contact lenses if worn. Continue flushing for at least 15 minutes holding eyelids apart. If irritation persists, get medical attention promptly.

IF on SKIN (or HAIR): In case of contact, immediately flush thoroughly with plenty of cool running water for at least 15 minutes. Immediately remove contaminated clothing and shoes. Wash prior to reuse.

IF INHALED: If discomfort is experienced from exposure to spray mist, the person should employ respiratory protection or leave the contaminated area until proper ventilation is restored. Breathe fresh air. If irritation persists, get medical attention.

STORAGE: Store in a tightly closed container. Do not store near oxidizers, alkalies, acids and bleach. Do not mix with other chemicals. Store away from excessive heat.

DISPOSAL METHOD: Dispose of in accordance with all Local, State and Federal regulations.

EMPTY CONTAINER: Nonrefillable container. Do not reuse or refill container. Before discarding container, rinse thoroughly with water.

OTHER HAZARDS: None known.

3. PHYSICAL DATA/COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight%
sodium carbonate	497-19-8	N/A
sodium metasilicate pentahydrate	10213-79-3	N/A
sodium hydroxide	1310-73-2	N/A
sodium tripolyphosphate (STPP)	7758-29-4	N/A
alcohol alkoxylate	N/A	N/A
alkyl naphthalene sulfonate, sodium salt	N/A	N/A
calcium hypochlorite	N/A	N/A
water	7732-18-5	N/A
ethylenedinitrilo(tetraacetic) acid disodium salt dihydrate	6381-92-6	N/A

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. HEALTH HAZARD DATA & FIRST AID MEASURES

EYES : Immediately flush the eyes with large quantities of running water for a minimum of 15 minutes. Hold the eyelids apart during the flushing to ensure rinsing of the entire surface of the eyes and lids with water. DO NOT attempt to neutralize with chemical agents. Obtain

medical attention as soon as possible. Oils or ointments should not be used. Continue the flushing for an additional 15 minutes if the physician is not immediately available.

SKIN : Immediately remove contaminated clothing under safety shower. Flush all affected areas with large amounts of water for at least 15 minutes. DO NOT attempt to neutralize with chemical agents. Obtain medical advice immediately.

INGESTION : If swallowed, DO NOT INDUCE VOMITING. Immediately give large quantities of water or milk, if available. If vomiting does occur, give fluids again. Never give anything by mouth to an unconscious person. Call a physician or nearest Poison Control Center immediately.

INHALATION : Remove from contaminated atmosphere. If breathing has ceased, clear the victim's airway and start mouth-to-mouth artificial respiration, which may be supplemented by the use of a bag-mask respirator, or a manually-triggered, oxygen supply capable of delivering 1 liter/second or more. If the victim is breathing, oxygen may be administered from a demand-type or continuous-flow inhalator, preferably with a physician's advice. Contact a physician immediately.

EYES : Immediately flush the eyes with large quantities of running water for a minimum of 15 minutes. Hold the eyelids apart during the flushing to ensure rinsing of the entire surface of the eyes and lids with water. DO NOT attempt to neutralize with chemical agents. Obtain medical attention as soon as possible. Oils or ointments should not be used. Continue the flushing for an additional 15 minutes if the physician is not immediately available.

NOTES TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING & EXPLOSION DATA/MEASURES

SUITABLE EXTENUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water, Carbon Dioxide, Dry Chemical, Foam.

UNSUITABLE EXTENUISHING MEDIA: None Known

SPECIFIC HAZARDS DURING FIRE FIGHTING: Not flammable or combustible.

HAZARDOUS COMBUSTION PRODUCTS: Decomposition products may include the following materials: Carbon oxides nitrogen oxides (NOx) Sulfur oxides Oxides of phosphorus

FIRE FIGHTING EQUIPMENT : Use Self Contained Breathing Apparatus (SCBA) or NIOSH approved respirator and protective clothing.

FIRE FIGHTING PROCEDURES : Avoid breathing of vapors. Apply water spray to cool fire exposed containers and structures. Use water spray to disperse vapors.

GENERAL HAZARD : Dust may present explosion hazard. Practice good housekeeping.

FLASH POINT AND METHOD : None

FLAMMABLE LIMITS : None

AUTOIGNITION TEMPERATURE : N/A

FLAMMABLE CLASS : N/A

OTHER CONSIDERATIONS : None

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PRODCDURES: Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Sweep up spill and place in a proper waste disposal container for disposal.

ENVIRONMENTAL PRECAUTIONS: Do not allow contact with soil, surface or ground water.

7. PRECAUTIONS FOR SAFE HANDLING/STORAGE/USE

SAFE HANDLING: Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Use only with adequate ventilation. Wash hands thoroughly after handling.

GENERAL PROCEDURES : Store in a tightly closed container. Do not store near oxidizers, alkalies, acids and bleach. Do not mix with other chemicals. Store away from excessive heat.

Do not freeze. Keep away from food stuffs. Keep out of reach of children.

STORAGE TEMPERATURE: 0 °C to 50 °C

8. EXPOSURE CONTROLS\PERSONAL PROTECTION (PPE)

INGREDIENTS WITH WORKPLACE CONTROL PARAMETERS

Hazardous Components	CAS Number	Form of Exposure	Permissible Concentration
sodium hydroxide	1310-73-2	Ceiling	2mg/m3

OSHA TABLE COMMENTS: NL = Not Listed

ENGINEERING CONTROLS: Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: Safety Splash Monogoggles / Face Shield.

SKIN: Solvent resistant gloves, boots and clothing.

RESPIRATORY: None needed for normal clean up. If mist or vapor may be generated, a Self Contained Breathing Apparatus (SCBA) or NIOSH approved respirator is advised.

WORK HYGIENIC PRACTICES: Avoid accidental spills on skin, wash after use. Wash contaminated clothing prior to reuse.

OTHER USE PRECAUTIONS: Have clean water available for washing. Provide adequate ventilation or use mechanical devices.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE:	Solid
COLOR:	White Powder
ODOR:	None
pH:	n/a
FLASH POINT:	None
ODOR THRESHOLD:	No Data Available
MELTING POINT/FREEZING POINT:	No Data Available
BOILING POINT:	No Data Available
EVAPORATION RATE:	No Data Available
FLAMMABILITY (SOLID, GAS):	No Data Available
UPPER EXPLOSION LIMIT:	No Data Available
SPECIFIC GRAVITY:	No Data Available
LOWER EXPLOSION LIMIT:	No Data Available
VAPOR PRESSURE:	No Data Available
RELATIVE VAPOR DENSITY:	No Data Available
RELATIVE DENSITY:	No Data Available
WATER SOLUBILITY:	100%
SOLUBILITY IN OTHER SOLVENTS:	No Data Available
PARTITION COEFFICIENT: N-OCTANOL/WATER:	No Data Available
AUTOIGNITION TEMPERATURE:	No Data Available
THERMAL DECOMPOSITION:	No Data Available
VISCOSITY, KINEMATIC:	No Data Available
EXPLOSIVE PROPERTIES:	No Data Available
OXIDIZING PROPERTIES:	No Data Available
MOLECULAR WEIGHT:	No Data Available
VOC:	No Data Available

10. STABILITY AND REACTIVITY

STABILITY : Stable
HAZARDOUS POLYMERIZATION : Will NOT Occur
CONDITIONS TO AVOID : Strong oxidizers, bleach, ammonia
POLYMERIZATION : Will NOT Occur
HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur dioxide & hydrogen sulfide
INCOMPATIBLE MATERIALS : Strong oxidizers

11. TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE: Inhalation, Ingestion, Eye contact, Skin contact.

POTENTIAL HEALTH EFFECTS:

EYES:	Causes serious eye damage.
SKIN:	Causes severe skin burns.
INGESTION:	Causes digestive tract burns.
INHALATION:	May cause nose, throat, and lung irritation.
CHRONIC EXPOSURE:	Health injuries are not known or expected under normal use.

EXPERIENCE WITH HUMAN EXPOSURE:

EYE CONTACT:	Redness, Pain, Corrosion
SKIN CONTACT:	Redness, Pain, Corrosion
INGESTION:	Corrosion, Abdominal pain
INHALATION:	Respiratory irritation, Cough

TOXICITY

ACUTE ORAL TOXICITY:	Acute toxicity estimate: > 5,000 mg/kg
ACUTE INHALATION TOXICITY:	No Data Available
ACUTE DERMAL TOXICITY:	No Data Available
SKIN CORROSION/IRRITATION:	No Data Available
SERIOUS EYE DAMAGE/EYE IRRITATION:	No Data Available
RESPIRATORY OR SKIN SENSITIZATION:	No Data Available
CARCINOGENICITY:	No Data Available
REPRODUCTIVE EFFECTS:	No Data Available
GERM CELL MUTAGENICITY:	No Data Available
TERATOGENICITY:	No Data Available
STOT-SINGLE EXPOSURE:	No Data Available
STOT-REPEATED EXPOSURE:	No Data Available
ASPIRATION TOXICITY:	No Data Available
GENERAL COMMENTS:	No Data Available

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This product has no known ecotoxicological effects. Non Identified

PRODUCT

TOXICITY TO FISH:

No Data Available

TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES:

No Data Available

TOXICITY TO ALGAE:

No Data Available

INGREDIENTS

TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES:

Sodium Hydroxide

PERSISTENCE AND DEGRADABILITY:

No Data Available

BIOACCUMULATIVE POTENTIAL:

No Data Available

MOBILITY IN SOIL:

No Data Available

OTHER ADVERSE EFFECTS:

No Data Available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all Local, State and Federal regulations.

EMPTY CONTAINER: Nonrefillable container. Do not reuse or refill container. Before discarding container, rinse thoroughly with water.

RCRA/EPA WASTE INFORMATION: N/A

14. TRANSPORT INFORMATION

THE SHIPPER/CONSIGNOR/SENDER IS RESPONSIBLE TO ENSURE THAT THE PACKAGING, LABELING, AND MARKINGS ARE IN COMPLIANCE WITH THE SELECTED MODE OF TRANSPORT.

DOT (DEPARTMENT OF TRANSPORTATION)

LAND TRANSPORT:

PACKAGE SIZE: 100 Lbs. or Less

DOT DESCRIPTION: Compounds, Cleaning Solid

DOT LABEL: None

DOT PLACARD: None

PACKAGE SIZE: 100 Lbs. or Larger

UN NUMBER: UN 1759

UN PROPER SHIPPING NAME: Corrosive solids, n.o.s.

(contains sodium hydroxide) [ERG #154]

TRANSPORT HAZARD CLASS: Corrosive 8

TRANSPORT HAZARD SUBCLASS: N/A

PACKING GROUP: PG II

DOT LABEL: Corrosive 8

DOT PLACARD: Corrosive 8 (1001 Lbs. or More)

MARINE POLLUTANT Y/N: No

SEA TRANSPORT (IMDG/IMO):

PACKAGE SIZE: 100 Lbs. or Less

DOT DESCRIPTION: Compounds, Cleaning Solid

DOT LABEL: None

DOT PLACARD: None

PACKAGE SIZE: 100 Lbs. or Larger

UN NUMBER: UN 1759

UN PROPER SHIPPING NAME: Corrosive solids, n.o.s. (contains

sodium hydroxide) [ERG #154]

TRANSPORT HAZARD CLASS: Corrosive 8

TRANSPORT HAZARD SUBCLASS: N/A

PACKING GROUP: PG II

DOT LABEL: Corrosive 8

DOT PLACARD: Corrosive 8 (1001 Lbs. or More)

MARINE POLLUTANT Y/N: No

15. REGULATORY INFORMATION

EPCRA – EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW

CERCLA REPORTABLE QUANTITY

Hazardous Components	CAS Number	Component RQ (Lbs.)	Calculated Component RQ (lbs.)
sodium hydroxide	1310-73-2	1,000	22,222

UNITED STATES:

SARA (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

SARA 304 EXTREMELY HAZARDOUS SUBSTANCES REPORTABLE QUANTITY:

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards:

Acute Health Hazard

SARA 302:

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313:

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

CALIFORNIA PROP 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION

NFPA	Health Hazards: 3	Flammability: 0	Instability: 1	Special: N/A
HMIS	Health Hazards: 3	Flammability: 0	Physical Hazards: 0	Reactivity: 1

Revision Date: 12/20/2019

Reasons For Revision: No Information Available

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