

ZEP MFG CO DIV OF NATIONAL SERVICE INDUSTRIES -- ZEP-EZ 0778 FLOOR CLEANER --
7930-01-423-1130

===== Product Identification =====

Product ID:ZEP-EZ 0778 FLOOR CLEANER

MSDS Date:07/16/1990

FSC:7930

NIIN:01-423-1130

Status Code:A

MSDS Number: CLBYB

=== Responsible Party ===

Company Name:ZEP MFG CO DIV OF NATIONAL SERVICE INDUSTRIES

Address:1310 SEABOARD INDUSTRIAL BLVD NW

Box:2015

City:ATLANTA

State

:GA

ZIP:30301

Country:US

Emergency Phone Num:(800)424-9300

Chemtrec Ind/Phone:(800)424-9300

CAGE:27674

=== Contractor Identification ===

Company Name:ZEP MANUFACTURING COMPANY

Address:1310 SEABOARD INDUSTRIAL BLVD NW

Box:2015

City:ATLANTA

State:GA

ZIP:30318

Country:US

Phone:877-428-9937

CAGE:27674

===== Composition/Information on Ingredients =====

Ingred Name:SODIUM METASILICATE

CAS:6834-92-0

RTECS #:VV9275000

Fraction by Wt: 5-15%

OSHA PEL:2 MG/M3

Ingred Name:TETRASODIUM ET

HYLENEDIAMINETETRAACETATE

CAS:64-02-8

RTECS #:AH5075000

< Wt:5.

Ingred Name:POTASSIUM DODECYLBENZENESULFONATE

CAS:27177-77-1

RTECS #:DB6820000

< Wt:5.

Ingred Name:TRISODIUM ORTHOPHOSPHATE

CAS:7601-54-9

RTECS #:TC9490000

< Wt:5.

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:D-LIMONENE

CAS:5989-27-5

RTECS #:GW6360000

< Wt:5.

===== Hazards Identification =====

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chr

onic:MSDS DATA PERTAINS TO PRODUCT AS

DISPERSED FROM CONTAINER. ADVERSE HEALTH EFFECTS WOULD NOT BE EXPECTED UNDER RECOMMENDED CONDITIONS OF USE (DILUTED) SO LONG AS PRESCRIBED SAFETY PRECAIOTNS ARE PRACTI CED. ACUTE: PRODUCT IN CONCENTRATE FORM IS SEVERE EYE IRRITANT. EYE TISSUE DAMAGE/PERMANENT. SKIN: IRRITANT. ONE INGREDIENT IN PRODUCT HAS CAUSED SENSITIZATION IN SMALL % OF GENERAL POPULATION. CHRONI C: REPEATED/PROLONGED SKIN CONTACT MAY PRODUCE CHRONIC INFLAMATIO N OR

DERMATITIS: REDNESS, SCALING, ITCHING. REPEATED EYE EXPOSURE MAY CAUSE CHRONIC IRRITATION. EYE/CORNEAL DAMAGE.

===== First Aid Measures =====

First Aid:SKIN: FLUSH W/COPIOUS AMOUNTS OF WATER FOR 15 MINS. REMOVE CONTAMINATED CLOTHING IMMEDIATELY. CALL DR. EYES: FLUSH WITH WATER FOR 15 MINUTES, LIFTING LIDS TO RINSE ENTIRE EYE. CALL DR IMMED. INHALAT ION: REMOVE TO FRESH AIR. CALL DR. INGESTION: DON'T INDUCE VOMITING. IF CONS

CIOUS, GIVE 1 OR 2 GLASSES OF WATER TO
DRINK. CALL DR AT ONCE.

===== Fire Fighting Measures =====

Flash Point Method:TCC
Flash Point:=56.7C, 134.F
Extinguishing Media:CO2, DRY CHEMICAL, FOAM
Fire Fighting Procedures:NONE
Unusual Fire/Explosion Hazard:NONE

===== Accidental Release Measures =====

Spill Release Procedures:OBSERVE SAFETY PRECAUTIONS DURING CLEAN UP.
ABOSRB ON INERT ABSORBANT MATERIAL (E.G. ZEP-O-ZORB). PICK UP
AND
PLACE IN CLEAN DOT SPECIFICATION CONTAINER FOR DISPOSAL. WASH AREA
THOROUGHLY W/ DETERGENT SOLUTION, THEN RINSE WELL W/ WATER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE TIGHTLY CLOSED CONTAINER IN DRY
AREA AT TEMPS BETWEEN 40 F AND 120 F. KEEP PRODUCT AWAY FROM
SKIN/EYES. DO NOT BREATHE SPRAY MISTS/VAPORS. KEEP AWAY FOOD/FOOD
PRODUCTS. STORE AWAY FROM STRONG AC IDS AND OZIDING COMPOUNDS. KEEP
OUT OF
REACH OF CHILDREN.
Other Precautions:IN MOST STATES, HAZARDOUS WASTES IN AMOUNTS 220 LBS
OR LESS PER MONTH MAY BE DISPOSED IN CHEMICAL/INDUSTRIAL LANDFILL.
IF COMPANY EFFLUENT IS ULTIMATELY TREATED BY PUBLIC OWNED TREATMENT
WORKS, NEUTRA LIZATION OF SPENT TANK-SOLUTIONS W/ SUBSEQUENT
DISCHARGE TO SEWERS MAY BE POSSIBLE. CONSULT DISPOSAL LAWS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:KEEP FACE AWAY FROM SPRAY MIST. DO NOT BREATH
E
VAPORS.
Ventilation:EQUAL TO OUTDOORS. USE EXHAUST FANS AND OPEN WINDOWS IN
ENCLOSED SPACES.
Protective Gloves:WEAR NEOPRENE, NITRILE, OR NATURAL RUBBER
Eye Protection:TIGHT FITTING SPLASH PROOF SAFETY GLASSES, ESP. WHEN
CONTACT LENSES ARE WORN.
Supplemental Safety and Health

===== Physical/Chemical Properties =====

Boiling Pt:=101.7C, 215.F
Spec Gravity:1.08
pH:12.6-12.8
Evaporation Rate & Reference:1.0 WATER=1
Solubility in Water:COMPLETE
Appeara

nce and Odor: CLEAR ORANGE LIQUID W/ CITRUS ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG ACIDS AND OXIDIZING AGENTS

Hazardous Decomposition Products: CO, CO₂, OXIDES OF SULFUR

===== Disposal Considerations =====

Waste Disposal Methods: LIQUIDS CANNOT BE SENT TO LANDFILLS UNLESS
SOLIDIFIED. UNUSABLE PRODUCT IN SOME COLLECTED, SPENT USE-DILUTIONS
MAY REQUIRE DISPOSAL AS HAZARDOUS

WASTE @ PERMITTED

TREATMENT/STORAGE/DISPOSAL FACILITY. TREATMENT, STORAGE,
TRANSPORTATION, AND DISPOSAL MUST BE IN ACCORDANCE W/LOCAL, STATE &
FEDERAL REGULATIONS. RCRA HAZ. WASTE NOS.: D001, D002

===== Regulatory Information =====

State Regulatory Information: EPA: TSCA CHEMICAL INVENTORY - ALL
INGREDIENTS ARE
LISTED.

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