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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

Stat e: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 E

THYLENEDIAMINETETRAACETATE 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 Qtv: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 Ch

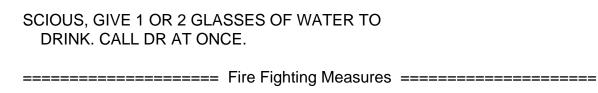
ronic:MSDS DATA PERTAINS TO PRODUCT AS

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 INFLAMATI

ON OR

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

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 CON



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 BREAT HE

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 & Description Rate & Reference: 1.0 WATER=1

Solubility in Water: COMPLETE

Appear

ance 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 REGU LATIONS. RCRA HAZ.WASTE NOS.:D001,D002
========== Regulatory Information =============
State Regulatory Information:EPA: TSCA CHEMICAL INVENTORY - ALL INGREDIENTS ARE LISTED.
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