

TELECHEM INTERNATIONAL, INC -- TCI PHOSPHATIZING COMPOUND -- 6850-00-543-7050
===== Product Identification =====

Product ID:TCI PHOSPHATIZING COMPOUND
MSDS Date:06/14/1995
FSC:6850
NIIN:00-543-7050
Status Code:A
MSDS Number: CJLMR
=== Responsible Party ===
Company Name:TELECHEM INTERNATIONAL, INC
Address:524 E WEDDELL DRIVE SUITE 3
City:SUNNYVALE
State:CA
ZIP:94089
Country:US
Info Phone Num:408-7
44-1331
Emergency Phone Num:408-744-1331
CAGE:1KH20
=== Contractor Identification ===
Company Name:TELECHEM INTERNATIONAL, INC
Address:524 E WEDDELL DRIVE SUITE 3
Box:City:SUNNYVALE
State:CA
ZIP:94089-2115
Country:US
Phone:916-941-3688
Contract Num:SPO450-99-M-NB23
CAGE:1KH20

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

Ingred Name:NITRATE ACCELERATOR
CAS:7697-37-2
RTECS #:QU5775000
= Wt:15.6
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3;2 PPM
ACGIH TLV:5.2 MG/M3;2

PPM
ACGIH STEL:10 MG/M3;4 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:NICKEL CARBONATE
CAS:3333-67-3
RTECS #:QR6200000
= Wt:.25
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.1 MG/M3
ACGIH TLV:0.1 MG/M3

Ingred Name:ZINC DIHYDROGENPHOSPHATE
CAS:13598-37-3
= Wt:41.
Other REC Limits:NONE RECOMMENDED

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

Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RE
SPIRATORY

SYSTEM, TEETH (HMIS).POTENTIAL HEALTH EFFECTS: INHALATION:
EXCESSIVE INHALATION OF MIST OR SPRAY MAY CAUSE DAMAGE TO UPPER
REPIRATORY TRACT AND LUNG TISSUE. EYE C ONTACT: CONTACT WILL CAUSE
IRRITATION AND/OR BURNS. SKIN CONTACT: CONTACT WILL CAUSE
IRRITATION AND/OR BURNS. INGESTION: GASTRIC PAIN, NAUSEA AND
VOMITING. MAY CAUSE DAMAGE TO MUCOUS MEMBRANES OF THRO AT,
ESOPHAGUS AND STOMACH. CHRONIC: SLIGHTLY TOXIC WITH REPEATED
INHALATION OR INGESTION.

Expl
anation of Carcinogenicity:CONTAINS NICKEL CARBONATE; LISTED BY NTP
AND IARC (HMIS).

Effects of Overexposure:EXCESSIVE INHALATION OF MIST OR SPRAY MAY CAUSE
DAMAGE TO UPPER REPIRATORY TRACT AND LUNG TISSUE. CONTACT WITH EYES
AND/OR SKIN WILL CAUSE IRRITATION AND/OR BURNS. INGESTION MAY
CAUSE GASTRIC PAIN, N AUSEA AND VOMITING. MAY CAUSE DAMAGE TO
MUCOUS MEMBRANES OF THROAT, ESOPHAGUS AND STOMACH.

Medical Cond Aggravated by Exposure:SKIN OR RESPIRATORY DISEASES.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. SEEK MEDICAL ATTENTION IN NECESSARY INSTANCES. EYE CONTACT: FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES WITHIN ONE MINUTE OF CONTACT. GET IMMEDIATE MEDICAL ASSISTANCE. SKIN CONTACT: WASH AREA OF CONTACT WITH GENEROUS AMOUNT OF WATER. REMOVE CONTAMINATED CLOTHING. LAUNDRY BEFORE REUSE. GET IMMEDIATE MEDICAL ASSISTANCE. INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. GIVE PLENTY OF WATER. SEEK MEDICAL ATTENTION IN ANY NECESSARY INSTANCES.

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

Flash Point Method:TCC
Fire Fighting Procedures:WEAR NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS. COOL STORAGE DRUMS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:WILL NOT SUPPORT COMBUSTION BUT IS HIGHLY CORROSIVE.

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

Spill Release Procedures:DIKE AND SALVAGE OR NEUTRALIZE CAUTIOUSLY WITH SODA ASH OR LIME. ADD SAND, EARTH OR OTHER SUITABLE ABSORBENT TO SPILL AREA.
Neutralizing Agent:SODA ASH OR LIME

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

Handling and Storage Precautions:STORAGE TEMPERATURE: 32 - 110F.
REASONABLE CARE AND PRECAUTIONS WHEN HANDLING THIS MATERIAL ARE STRONGLY RECOMMENDED. KEEP FROM FREEZING.
Other Precautions:THIS CONTAINER MAY BE HAZARDOUS WHEN EMPTIED. EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPORS, LIQUID). OBSERVE ALL LABELED HAZARD PRECAUTIONS.

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

Respiratory Protection:DO NOT ATOMIZE. USE EXHAUST VENTILATION TO KEEP AIRBORNE CONCENTRATIONS BELOW EXPOSURE LIMITS. NIOSH APPROVED RESPIRATOR REQUIRED WHEN CONCENTRATIONS OF HAZARDOUS MATERIALS ARE AT OR ABOVE THE TLV.
Ventilation:CONTROL AIRBORNE CONCENTRATIONS BELOW EXPOSURE GUI

DELINES.

USE ONLY WITH ADEQUATE VENTILATION. LOCAL EXHAUST VENTILATION MAY BE NEEDED FOR SOME OPERATIONS.

Protective Gloves:NEOPRENE GLOVES.

Eye Protection:SAFETY GOGGLES AND/OR FACE SHIELD MUST BE WORN.

Other Protective Equipment:IMPERVIOUS CLOTHING. EYE BATH, WASHING FACILITY, EMERGENCY SHOWER (HMIS)

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING (HMIS).

Supplemental Sa
fety and Health

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

HCC:C1

Boiling Pt:>100.C, 212.F

Melt/Freeze Pt:1(AIR=1)

Spec Gravity:1.6 (@25C)

pH:2.4(1%SOL'N)

Viscosity:N/E

Evaporation Rate & Reference: