

TABCO C D PRODUCTS INC -- 5010,COATING COMPOUND BLACK OXIDE -- 6850-00-141-2946
===== Product Identification =====

Product ID:5010,COATING COMPOUND BLACK OXIDE

MSDS Date:08/01/1989

FSC:6850

NIIN:00-141-2946

Status Code:A

MSDS Number: CKGPT

=== Responsible Party ===

Company Name:TABCO C D PRODUCTS INC

Address:940 W 100 S

City:SALT LAKE CITY

State:UT

ZIP:84104

Country:US

Info Phone Num:801-595-0119

Emergency Phone Num:(800)424-9300

Preparer's Name:NOT PROVIDED

Chemtrec Ind/Phone:(800)424-9300

CAGE:67281

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT

Address:2275 TUCKER INDUSTRIAL RD

Box:City:TUCKER

State:GA

ZIP:30084

Country:US

Phone:770-938-4513/FAX 770-938-3966

Contract Num:SP0450-00-M-D875

CAGE:1MDA6

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Composition/Information on Ingredients
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Ingred Name:SODIUM HYDROXIDE (CAUSTIC SODA)
CAS:1310-73-2
RTECS #:WB4900000
Other REC Limits:NOT PROVIDED
OSHA PEL:2 MG/M3
ACGIH STEL:C2 MG/M3
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM NITRATE
CAS:7631-99-4
RTECS
#:WC5600000
Other REC Limits:NOT PROVIDED
OSHA PEL:NONE ESTABLISHED
ACGIH TLV:NONE ESTABLISHED

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Hazards Identification
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LD50 LC50 Mixture:NOT PROVIDED
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: CORROSIVE TO ALL BODY TISSUES
WITH IT COMES IN CONTACT. CHRONIC: THE CHRONIC LOCAL EFFECT MAY
CONSIST OF MULTIPLE AREAS OF SUPERFICIAL DESTRUCTIO
N OF THE SKIN OR
OF PRIMARY IRRITANT DERMATITIS. SIMILARLY, INHALATION OF DUST,
SPRAY, OR MIST MAY RESULT IN VARIOUS DEGREES OF IRRITATION OR DAMAGE
TO THE RESPIRATORY TRACT TISSUES AND AN INCREASED SUSCEPTIBILITY TO
RESPIRATORY ILLNESS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:INHALATION: AIRBORNE CONCENTRATIONS OF DUST,
MIST OR SPRAY OF THIS PRODUCT MAY CAUSE DAMAGE TO THE UPPER
RESPIRATORY TRACT AND EVEN TO THE LUNG TISSUE WHICH COULD PRODUCE
CHE

MICAL PNEUMONIA DEPENDING UPON SEVERITY OF EXPOSURE. SKIN CONTACT/SKIN ABSORPTION: THIS PRODUCT IS DESTRUCTIVE TO TISSUES CONTACTED AND PRODUCES SEVERE BURNS. EYE CONTACT: THIS PRODUCT IS DESTRUCTIVE TO EYE TISSUES ON CONTACT. WILL CAUSE SEVERE BURNS, EYE DAMAGE, EVEN BLINDNESS. INGESTION: THIS PRODUCT CAN CAUSE SEVERE BURNS AND COMPLETE TISSUE PERFORATION OF THE MOUTH, THROAT, ESOPHAGUS, AND STOMACH.

Medical Cond Aggravated by Exposure:NONE KNOWN

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=== First Aid Measures =====

First Aid:EYES: WASH EYES IMMEDIATELY FOR 10 MINUTES AND SEEK MEDICAL ATTENTION. SKIN: IMMEDIATE CONTINOUS AND THOROUGH WASHING IN FLOWING WATER WHILE REMOVING CLOTHING. PROMPT MEDICAL ATTENTION NECESSARY. INHA LATION: REMOVE TO FRESH AIR IF EFFECTS OCCUR. CONSULT PHYSICIAN.

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

Extinguishing Media:THIS MATERIAL IS NOT COMBUSTIBLE. WATER SPRAY, FOAM, CARBON DIOXIDE, OR DRY CHEMICAL MAY BE USED IN AREAS WHERE PRODUCT IS STORED.

Fire Fighting Procedures:PROTECTIVE CLOTHING AND PRESSURE-DEMAND, SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN BY FIREFIGHTERS IN AREAS WHERE PRODUCT IS STORED.

Unusual Fire/Explosion Hazard:MATERIAL MELTS AT 600 DEGREES F. HOT MOLTEN CHEMICAL WILL REACT VIOLENTLY WITH WATER, CAUSING SPATTERING AND TOXIC FUMES. THIS MATERIAL REACTS WITH METALS TO GIVE OFF HYDROGEN GAS.

===== Accidenta
l Release Measures =====

Spill Release Procedures:SEE FIREFIGHTING PRECAUTIONS. WEAR ALKALI-RESITANT COMPLETE PROTECTING GEAR. FOR SMALL SPILLS, SWEEP UP AND DISPOSE OF IN DOT-APPROVED WASTE CONTAINERS.

Neutralizing Agent:NOT PROVIDED

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE AWAY FROM MOISTURE, SOLVENTS, ACIDS, AND ORGANIC MATTER. KEEP CONTAINER TIGHTLY CLOSED. WASH THOROUGHLY AF

TER HANDLING. DO NOT GET IN EYES,
ON SKIN OR ON CLOTHING.

Other Precautions:THIS MATERIAL GENERATES CONSIDERABLE HEAT WHEN
DISSOLVED IN WATER. WHEN MIXING WITH WATER ALWAYS ADD CAUSTIC SODA
SLOWLY TO WATER AND STIR CONTINUOUSLY. NEVER ADD WATER TO CAUSTIC
SODA.

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

Respiratory Protection:RESPIRATORY PROTECTION IS NOT REQUIRED UNDER
NORMAL USE. USE NIOSH/MSHA APPROVED RESPIRATOR WHERE DUST, MIST OR
SPRAY MAY
BE GENERATED.

Ventilation:USE ADEQUATE LOCAL EXHAUST VENTILATION WHERE DUST, MIST OR
SPRAY MAY BE GENERATED.

Protective Gloves:IMPERVIOUS GLOVES SHOULD BE WORN (NATURAL AND BUTYL
RUBBER).

Eye Protection:FACE SHIELD AND GOGGLES OR CHEMICAL GOGGLES SHOULD BE
WORN.

Other Protective Equipment:COVERALLS CLOSED TO THE NECK. CHEMICALLY
RESITANT SHOES. WASH CONTAMINATED CLOTHING WITH SOAP AND WATER AND
DRY BEFORE REUSE. SHOWERS AND EYEWASH FACILITIES SHOULD BE
AVAILABLE.

Work Hyg

enic Practices:NOT PROVIDED

Supplemental Safety and Health

NONE

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

HCC:D4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=380.C, 716.F

Melt/Freeze Pt:=315.6C, 600.F

Decomp Temp:Decomp Text:NOT PROVIDED

Spec Gravity:2.15

pH:NOT PROVIDED

Viscosity:NOT RELEVANT

Solubility in Water:60%

Appearance and Odor:WHITE GRANULES - NO ODOR

Percent Volatiles by Volume:NOT RELEVANT

Corrosion Rate:NOT PROVIDED

===== Stability and React

ivity Data =====

Stability Indicator/Materials to Avoid: YES

REDUCING AGENTS, ACIDS, SOLVENTS, ALCOHOLS, ORGANIC MATTER, PAPER, AND RAGS. REACTS WITH METALS SUCH AS ALUMINUM, TIN AND ZINC TO GIVE OFF HYDROGEN GAS.

===== Toxicological Information =====

Toxicological Information: NOT PROVIDED

===== Ecological Information =====

Ecological: NOT PROVIDED

===== Disposal Considerations =====
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Waste Disposal Methods: KEEP OUT OF SEWERS, STORM DRAINS, SURFACE WATERS, AND SOIL. COMPLY WITH ALL APPLICABLE GOVERNMENTAL REGULATIONS ON SPILL REPORTING AND HANDLING AND DISPOSAL OF WASTE.

===== MSDS Transport Information =====

Transport Information: OXIDIZER, CORROSIVE, SOLID, N.O.S.

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

SARA Title III Information: NOT PROVIDED

Federal Regulatory Information: NOT PROVIDED

State Regul

atory Information: NOT PROVIDED

===== Other Information =====

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