

TURCO PRODUCTS INC SUB ELF ATOCHEM NORTH AMERICA -- TURCO SUPER CARB 3310-18 --
6850-00-550-7453

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

Product ID:TURCO SUPER CARB 3310-18

MSDS Date:10/31/1985

FSC:6850

NIIN:00-550-7453

MSDS Number: BXRYH

=== Responsible Party ===

Company Name:TURCO PRODUCTS INC SUB ELF ATOCHEM NORTH AMERICA

Address:24600 SOUTH MAIN STREET

City:CARSON

State:CA

ZIP:90748

Country:US

Info

Phone Num:213-634-3300

Emergency Phone Num:213-634-3300

CAGE:61102

=== Contractor Identification ===

Company Name:TURCO PRODUCTS, INC. DIVISON OF ELF ATOCHEM NORTH AMERICA

Address:2000 MARKET ST

Box:City:PHILADELPHIA

State:PA

ZIP:19103-3222

Country:US

Phone:215-419-7890

CAGE:61102

Company Name:UNITED TECHNOLOGIES CORP PRATT & WHITNEY DIV

Address:BEELINE HWY

Box:City:WEST PALM BEACH

State:FL

ZIP:33410-9600

Country:US

Phone:407-796-2000

CAGE:52661

===== Composition/Information on Ingred

ients =====

Ingred Name:NO INGREDIENT FOR THIS FORMULATION_INGREDIENT

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:EYE:VAPS-MODERATE TO SEVERE

IRRIT.LIQ-SEVERE DMG MAY CAUSE BLINDNESS. SKIN:CHEM BURNS,POSSIBLE
NECROSIS,DEFATTING.MAY BE ABSORBED THRU SKIN IN TOXIC

AMTS.CHROMATES ARE SKIN SENSITIZERS.INHAL:

DIZZ,HEAD

,INTOXICATION.CHROMATE-CONTAINING MIST MAY CAUSE PERM DMG TO UPPER
RESP TRACT,MAY CAUSE LUNG CANCER RISK. (SUPPLEMEN)

Explanation of Carcinogenicity:PER MSDS:SODIUM CHROMATE 0.30% LISTED BY
NPT/IARC & NOT REG BY OSHA.

Effects of Overexposure:MODERATE TO SEVERE EYE IRRIT.BLINDESS. CHEMICAL

SKIN BURNS, NECROSIS, DEFATTING. SKIN SENSITIZERS. DIZZINESS,

NAUSEA, HEADACHE, INTOXICATION. PERM UPPER RESP TRACT DAMAGE, LUNG
CANCER RISK. SEVERE GI IRRIT, HARMFUL OR FATAL

IF SWALLOWED.

Medical Cond Aggravated by Exposure:METABOLISM OF METHYLENE CHLORIDE TO
CO MAY LEAD TO ACCUMULATION OF DANGEROUS LEVELS OF

CARBOXYHEMOGLOBIN WHICH MAY NOT BE TOLERATED BY PERSONS W/IMPAIRED
CARDIO-PULM FUNCTION.AGGRAVATED BY SMOKING.

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

First Aid:EYE:FLUSH W/LG VOLS OF WATER FOR @LEAST 15MINS.GET MED
ATTN.SKIN:FLUSH W/CLEAN COOL WATER.WASH W/SOAP/WATER.RINSE
WELL.IRRIT PERSISTS/BLISTERING OCCUR

S GET MED ATTN.INHAL:REMOVE TO

FRESH AIR.DIFFI BRE ATH ADMINISTER OXY.STOP BREATH APPLY ART

RESP.GET MED ATTN.INGEST:DO NOT INDUCE VOMIT EXCEPT ON ADVICE OF
QUALIFIED MED PERSONNEL.IF CONSC DILUTE BY GIVING LG VOL OF
MILK/WATER.GET IMMED MED (SUPPLE)

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

Flash Point Method:SCC

Flash Point:NONE TO BOIL

Extinguishing Media:CARBON DIOXIDE, FOAM, WATER FOG.

Fire Fighting Procedures:USE SELF-CONTAINED RESP PROTECTION.A

NY WATER

RUNOFF MAY CONTAIN HEXAVALENT CHROME & SHOULD NOT BE ALLOWED TO ENTER SEWER/WATERWAYS.

Unusual Fire/Explosion Hazard:THERM DECOMPO MAY PROD TOXIC OXIDES OF CARBON & CHLORINE.DRUMS EXPO TO 10F & ABOVE MAY DEVELOP SUFFICIENT INTERNAL PROESSURE TO RUPTURE.

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

Spill Release Procedures:CONTAIN.STOP LEAK SAFELY.VENTI AREA.REMOVE NONESSENTIAL PEOPLE.PUMP LIQ INTO DOT APPROVED DR FOR DISPOSAL.ABSORB REMAI
NING LIQ W/INERT MATL.WASH AREA W/WATER.PLACE WASHING/ABSORB MATL IN DOT APPROVED DR.KEEP CONCEN/WASH OUT OF SEWER/WATERWAYS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE:COOL AREA PROT FRM SUNLITE/RAIN/STANDING H2O EXPO.USE CARE IN OPNG CNTNR TO AVOID SPURTING.PROD VAP HEAVIER THAN AIR-TRAVEL DIST/COLLECT LOW PLA

Other Precautions:WORKER ENTERING LOW LYING AREAS(SU MPS)MUST BE

PROVIDED W/RESP PROT/SAF LINE;SHOULD BE KEPT UNDER OBSERVATION WHILE IN AREA BY ANOTHER MAN @SAFE DISTANCE.PERSONS W/CONTACT LENSES SHOULD WEAR VAP-PROOF WELL-FIT GOGG.MAINTAIN:USE PPE.REL PRESS

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

Respiratory Protection:TLV EXCEEDED NIOSH APPROVED SCBA +PRESS HOSE MASK OR AIRLINE MASK IS ADVISED.SHOULD HAVE FULL FACEPC & OPERATED IN +PRESS MODE.ORG VAP CARTRIDGES/CANISTERS NOT RECOMMENDED.RES
P

USED FORMAL TRAINING/SC REENING PROGR BE IN PLACE.29CFR191.134.

Ventilation:MAINTAIN SUFFICIENT MECHANICAL VENTILATION TO KEEP CONCENTRATIONS BELOW TLV.

Protective Gloves:NEOPRENE GLOVES.

Eye Protection:NONE SPECIFIED BY MANUFACTURER.

Other Protective Equipment:NEOPRENE BOOTS/APRON/SUIT.PROTECTIVE SUIT REQUIRED IF TO AVOID PROLONGED/REPEATED SKIN CONTACT.

Work Hygienic Practices:WASH HANDS/FACE W/SOAP/WATER BEF SMOKE/EAT.IMMED REMOVE CONTAM CLOTH.LAUNDER BEF REUSE.DO NOT LA

UNDER @HOME.DISCARD SHOE

Supplemental Safety and Health

PH 3.1%IN WATER=8-10. HEA HAZ:INGEST:SEVE IRRIT OF GI

TRACT,HARMFUL/FATAL IF INGESTED.TOXIC EFFECTS MAY NOT APPEAR IMMED.

1ST AID:ATTN.NEVER ATTEMPT TO INDUCE VOMIT/GIVE ANTHING BY MOUTH TO

UNCONSC PER SON. DISPOSAL:REMOVE CHROMATE BY REDUC/PPT.REMOVE ORG

BY OXIDA/CARBON TREAT.CLARIFIED RINSE RELEASE TO SEWER IF PERMITTD

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

HCC:B3

Boiling Pt:B.P. Text:105F,41

C

Vapor Pres:400MM

Vapor Density:>1

Spec Gravity:1.17

pH:SUPPLE

Evaporation Rate & Reference: