

OTIS PRODUCTS DBA OTIS TECHNOLOGY INC -- OTIS PREMIUM BORE CLEANSER --
1005-01-424-2999

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

Product ID:OTIS PREMIUM BORE CLEANSER

MSDS Date:12/10/1996

FSC:1005

NIIN:01-424-2999

Status Code:A

MSDS Number: CJHCZ

=== Responsible Party ===

Company Name:OTIS PRODUCTS DBA OTIS TECHNOLOGY INC

Address:LAURA ST

Box:582

City:LYONS FALLS

State:NY

ZIP:13368

Country:US

Info Phon

e Num:315-348-4300

Emergency Phone Num:315-348-4300

Preparer's Name:LORI WILLIAMS

CAGE:01VS3

=== Contractor Identification ===

Company Name:OTIS PRODUCTS DBA OTIS TECHNOLOGY INC

Address:LAURA ST

Box:582

City:LYONS FALLS

State:NY

ZIP:13368

Country:US

Phone:315-348-4300

CAGE:01VS3

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

Ingred Name:STODDARD SOLVENT OR MINERAL SPIRITS

CAS:8052-41-3

Code:F

RTECS #:WJ8925000

= Wt:76.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:2900 MG/M3

;500 PPM
ACGIH TLV:525 MG/M3;100 PPM

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Hazards Identification
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LD50 LC50 Mixture:LD50 (ORAL, RAT) > 5,000 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS: EYES, SKIN, RESPIRATORY
AND GASTROINTESTINAL TRACTS (HMIS). ACUTE AND CHRONIC - EYE CONTACT
MAY CAUSE IRRITATION. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE
DEFATTING AND DR
YING OF SK IN. INHALATION OF VAPORS OR MISTS MAY
CAUSE IRRITATION OF RESPIRATORY TRACT, HEADACHE, DIZZINESS, ARE
ANESTHETIC, AND MAY HAVE OTEHR CENTRAL NERVOUS SYSTEM EFFECTS. THIS
PRODUCT HAS A LOW ORDER OF ACU TE ORAL AND DERMAL TOXICITY, BUT
MINUTE AMOUNTS ASPIRATED INTO THE LUNGS DURING INGESTION OR
VOMITING MAY CAUSE MILD TO SEVERE PULMONARY INJURY AND POSSIBLY
DEATH.

Explanation of Carcinogenicity:NONE
Effects of Overexposure:HIGH VAPOR CONCENTRATIONS (GREATER THAN
1000
PPM) ARE IRRITATING TO THE EYES, AND RESPIRATORY TRACT, MAY CAUSE
HEADACHE AND DIZZINESS, ARE ANESTHETIC, AND MAY HAVE OTHER CENTRAL
NERVOUS SYSTEM EFFECTS .
Medical Cond Aggravated by Exposure:SKIN CONTACT MAY AGGRAVATE AN
EXISTING DERMATITIS.

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First Aid Measures
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First Aid:INHALATION: REMOVE VICTIM TO FRESH AIR. EYE CONTACT: IF
SPLASHED INTO THE EYES, FLUSH WITH WATER FOR 15 MINUTES.OR UNTIL
IRRITATION SUBSIDES. CAL
L PHYSICIAN IF IRRITATION PERSIST. SKIN:
REMOVE EXCESS ITH CLOTH. WASH SKIN THOROUGHLY WITH SOAP AND WATER.
INGESTION: DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY.

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Fire Fighting Measures
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Flash Point Method:COC
Flash Point:=54.4C, 130.F
Lower Limits:0.9
Upper Limits:7
Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY,
WATER FOG
Fire Fighting Procedures:USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES
AND TO

PROTECT PERSONNEL. USE AIR SUPPLIED BREATHING EQUIPMENT FOR ENCLOSED AREAS.

Unusual Fire/Explosion Hazard:DO NOT MIX OR STORE WITH STRONG OXIDANTS LIKE LIQUID CHLORINE OR CONCENTRATED OXYGEN.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. RECOVER FREE PRODUCT. ADD SAND, EARTH OR OTHER SUITABLE ABSORBENT TO SPILL AREA. MINIMIZE BREATHING VAPORS. MINIMIZE SKIN CONTACT. VENTILATE CONFINED SPACES. KEE

P PRODUC T OUT OF SEWERS AND WATERWAYS. ADVICE AUTHORITIES IF PRODUCT HAS ENTERED OR MAY ENTER SEWER, WATER COURSES OR EXTENSIVE LAND AREAS.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, VENTILATED AREA AWAY FROM IGNITION SOURCES, DIRECT SUNLIGHT, AND STRONG OXIDANTS.

Other Precautions:AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING, APPLYING CO

SMETICS, OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. AVOID INHALING MISTS OR VAPORS. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:NORMALLY NOT NEEDED.

Ventilation:LOCAL EXHAUST. USE WITH VENTILATION SUFFICIENT TO PREVENT EXCEEDING RECOMMENDED EXPOSURE LIMIT.

Protective Gloves:CHEMICAL RESISTANT GLOVES, IF NEEDED TO AVOID PROLONGED/REPEATED SKIN CONTA

CT

Eye Protection:SPLASH GOGGLES/FACE SHIELD WHEN CONTACT MAY OCCUR.

Other Protective Equipment:USE CHEMICAL RESISTANT APRON OR OTHER IMPERVIOUS CLOTHING IF NEEDED TO AVOID CONTAMINATION OF REGULAR CLOTHING. EYE BATH, WASHING FACILITY, EMERGENCY SHOWER

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:F4

Boiling Pt:>176.7C, 350.F

B.P. T

ext:IBP
Vapor Pres:@25C