

OCTAGON PROCESS -- MIL-C-87937 TYPE II - CLEANING COMPOUND, AEROSPACE EQUIPMENT
MATERIAL SAFETY DATA SHEET
NSN: 6850013395227
Manufacturer's CAGE: 82925
Part No. Indicator: A
Part Number/Trade Name: MIL-C-87937 TYPE II

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General Information

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Item Name: CLEANING COMPOUND, AEROSPACE EQUIPMENT
Company's Name: OCTAGON PROCESS INC.
Company's Street: 596 RIVER ROAD
Company's City: EDGEWATER
Company's State: NJ
Company's Country: US
Company's Zip Code: 07020
Company's Emerg Ph #: 201-945-9400/800-424-9300(CHEMTREC)
Company's Info Ph #: 201-313-1187
Record No. For Safety Entry: 008
Tot Safety Entries This Stk#: 008
Status: SE
Date MSDS Prepared: 12JAN95
Safety Data Review Date: 28SEP95
Supply Item Manager: CX
MSDS Preparer's Name: J. J. BURGARD
MSDS Serial Number: BWQDQ
Specification Number: MIL-C-87937B
Spec Type, Grade, Class: TYPE 2
Hazard Characteristic Code: N1
Unit Of Issue: CN
Unit Of Issue Container Qty: 5 GALLONS
Type Of Container: 1A1, 24 GA
Net Unit Weight: 41.7 LBS
NRC/State License Number: NOT RELEVANT

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Ingredients/Identity Information

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Proprietary: NO
Ingredient: MFR CLAIMS THE PRODUCT CONTAINS ONLY NON-HAZARDOUS
INGREDIENTS, THEN LISTS FOLLOWING 4 UNDER NEW JERSEY RIGHT TO KNOW.
Ingredient Sequence Number: 01
Percent: 100
NIOSH (RTECS) Number: 1000314NH
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: WATER
Ingredient Sequence Number: 02
Percent: UNKNOWN
NIOSH (RTECS) Number: ZC0110000
CAS Number: 7732-18-5
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: NEODOL 91-8
Ingredient Sequence Number: 03
Percent: UNKNOWN
NIOSH (RTECS) Number: 1004446NE
CAS Number: 68439-46-3
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: CAPRYLOAMPHOPROPIONATE
Ingredient Sequence Number: 04
Percent: UNKNOWN
NIOSH (RTECS) Number: 1012606CA
CAS Number: 68649-23-0
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: 4,4-DIMETHYL-1-OXA-3-AZACYCOPENTANE
Ingredient Sequence Number: 05
Percent: UNKNOWN
NIOSH (RTECS) Number: RP7211000
CAS Number: 51200-87-4
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED
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Physical /Chemical Characteristics

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Appearance And Odor: CLEAR, STRAW YELLOW LIQUID - PRACTICALLY ODORLESS
Boiling Point: 210F, 99C
Melting Point: UNKNOWN
Vapor Pressure (MM Hg/70 F): 23
Vapor Density (Air=1): >1
Specific Gravity: 1.007
Decomposition Temperature: UNKNOWN
Evaporation Rate And Ref: >1 (ACETONE=1)
Solubility In Water: COMPLETE
Percent Volatiles By Volume: 85
Viscosity: UNKNOWN
Corrosion Rate (IPY): UNKNOWN
Autoignition Temperature: UNKNON
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Fire and Explosion Hazard Data

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Flash Point: >210F, >99C
Flash Point Method: PMCC
Lower Explosive Limit: UNKNOWN
Upper Explosive Limit: UNKNOWN
Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL.
WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.
Special Fire Fighting Proc: WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire And Expl Hazrds: NONE

Reactivity Data

Stability: YES

Cond To Avoid (Stability): OPEN FLAME, EXCESSIVE HEAT

Materials To Avoid: STRONG OXIDIZING AGENTS, STRONG ACIDS

Hazardous Decomp Products: MAY FORM CARBON MONOXIDE, CARBON DIOXIDE AND OXIDES OF NITROGEN.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT

Health Hazard Data

LD50- LC50 Mixture: LD50 (ORAL, RAT) IS NOT KNOWN.

Route Of Entry - Inhalation: NO

Route Of Entry - Skin: NO

Route Of Entry - Ingestion: NO

Health Haz Acute And Chronic: TARGET ORGANS: EYE, SKIN, RESPIRATORY & GI TRACTS. ACUTE- MAY CAUSE IRRITATION OF EYES, SKIN & GI TRACTS. NO ADVERSE EFFECTS ARE EXPECTED FROM INHALATION. REPEATED/PROLONGED INHALATION OF CONCENTRATED VAPORS/MIST MAY CAUSE RESPIRATORY TRACT IRRITATION. CHRONIC- UNKNOWN.

Carcinogeni ci ty - NTP: NO

Carcinogeni ci ty - IARC: NO

Carcinogeni ci ty - OSHA: NO

Explanati on Carcinogeni ci ty: NONE

Signs/Symptoms Of Overexp: IRRITATION, PAIN, NAUSEA, VOMITING, SHORTNESS OF BREATH, BLURRED VISION, REDNESS

Med Cond Aggravated By Exp: PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN: WASH WITH SOAP & WATER. INHALED: REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL: IF CONSCIOUS, DRINK 4-8 OZ OF WATER & INDUCE VOMITING. CALL A PHYSICIAN. NEVER GIVE FLUID OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: PREVENT SKIN AND EYE CONTACT. ABSORB SPILLS WITH INERT MATERIAL SUCH AS SAND OR VERMICULITE. SCRAPE SPILL UP INTO NONPOROUS CONTAINERS. CLEAN SPILL AREA WITH WATER. DO NOT ALLOW SPILL TO ENTER DRAINS, SEWERS OR WATERWAYS. COMPLY WITH HAZWOPER.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. RECYCLE IF POSSIBLE.

Precautions- Handling/Storing: STORE IN COOL AND DRY PLACE. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

Other Precautions: WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF CHILDREN.

Control Measures

Respiratory Protection: IF WORKING IN CONFINED AREAS, IF EXCESSIVE MISTING OR VAPORS ARE PRESENT, WEAR NIOSH-APPROVED RESPIRATORY PROTECTION (REFER TO 29 CFR 1910.134).

Ventilation: LOCAL EXHAUST IS RECOMMENDED FOR CONFINED AREAS. GENERAL

MECHANICAL VENTILATION IS ADEQUATE FOR NORMAL USE.

Protective Gloves: RUBBER OR LATEX

Eye Protection: SAFETY GLASSES WITH SIDE SHIELD/GOGGLES

Other Protective Equipment: EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING

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

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Transportation Data

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Trans Data Review Date: 94365

DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

IMD PSN Code: ZZZ

IMD Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

AFI PSN Code: ZZZ

AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Disposal Data

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Label Data

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Label Required: YES

Technical Review Date: 28SEP95

MFR Label Number: NOT RELEVANT

Label Status: F

Common Name: MIL-C-87937 TYPE II

Signal Word: CAUTION!

Acute Health Hazard-Slight: X

Contact Hazard-Slight: X

Fire Hazard-Slight: X

Reactivity Hazard-None: X

Special Hazard Precautions: TARGET ORGANS: EYE, SKIN, RESPIRATORY & GI TRACTS. ACUTE- MAY CAUSE IRRITATION OF EYES, SKIN & GI TRACTS. REPEATED/ PROLONGED INHALATION OF CONCENTRATED VAPORS/MIST MAY CAUSE RESPIRATORY TRACT IRRITATION. CHRONIC- UNKNOWN. STORE IN COOL PLACE. ABSORB SPILLS WITH INERT MATERIAL SUCH AS SAND. TRANSFER TO CONTAINER FOR DISPOSAL. DO NOT ALLOW SPILL TO ENTER SEWER. FIRST AID- CALL PHYSICIAN IF SYMPTOMS PERSIST. WASH WITH SOAP & WATER. INHALED: REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL: IF CONSCIOUS, DRINK 4-8 OZ OF WATER & INDUCE VOMITING. CALL A PHYSICIAN.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: OCTAGON PROCESS INC.

Label Street: 596 RIVER ROAD

Label P. O. Box: ?????

Label City: EDGEWATER

Label State: NJ

Label Zip Code: 07020

Label Country: US

Label Emergency Number: 201-945-9400/800-424-9300(CHEMTREC)

Year Procured: 1995