

OCTAGON PROCESS INC. -- MIL-C-372 C AM 2 (RIFLE BORE CLEANER),3014601,F-4962 --
6850-00-224-6663

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

Product ID:MIL-C-372 C AM 2 (RIFLE BORE CLEANER),3014601,F-4962

MSDS Date:02/10/1995

FSC:6850

NIIN:00-224-6663

MSDS Number: BAFXW

=== Responsible Party ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020

Country:US

Info Phon

e Num:201-313-1187

Emergency Phone Num:201-945-9400/800-424-9300(CHEMTREC)

Preparer's Name:J. J. BURGARD

CAGE:82925

=== Contractor Identification ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

Box:City:EDGEWATER

State:NJ

ZIP:07020

Country:US

Phone:201-945-9400

CAGE:82925

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

Ingred Name:ALIPHATIC PETROLEUM SOLVENT/KEROSENE

CAS:8008-20-6

RTECS #:OA5500000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:TALL OIL FATTY ACID

CAS:61790-12-3

Other REC Limits:NONE RECOMMENDED

Ingred Name:PETROLEUM SULFONIC ACID SALT,/SODIUM PETROLEUM SULFONATE

CAS:68608-26-4

Other REC Limits:NONE RECOMMENDED

Ingred Name:MINERAL OIL/HYDROTREATED LIGHT NAPHTHENIC DISTILLATES

CAS:64742-53-6

RTECS #:PY8036000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:MINERAL OIL, HYDROTREATED (MILD), HEAVY NAPHTHENIC
DISTILLAT

E, PETROLEUM

CAS:64742-52-5

RTECS #:PY8035000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

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

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

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:EYE, SKIN, CNS,
RESPIRATORY TRACT. ACUTE- EYES:WILL CAUSE IRRITATION, REDNESS.

SKIN:MAY CAUSE IRRITATION. INHALE:MAY CAUSE CNS DEPRESSION,
RESPIRATORY IRRITATION, SHORTNESS OF BREATH. OR AL:MAY CAUSE PAIN,
IRRITATION, VOMITING, DIARRHEA. CHRONIC- MAY CASUE CONTACT
DERMATITIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, PAIN, COUGH, NAUSEA, HEADACHE,
WEAKNESS, DIFFICULTY IN BREATHING, SHORTNESS OF BREATH, BURNING
SENSATION IN THE CHEST, DIZZINESS, CONFUSION, VOMITING, DIARRHEA,
COMA EVEN DEATH

Medical Cond Aggravated by E

xposure:INDIVIDUALS WITH PRE-EXISTING
DISEASES OF THE SKIN, RESPIRATORY TRACT MAY HAVE INCREASED
SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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First Aid Measures
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First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:REMOVE
CONTAMINATED CLOTHING. WASH SKIN WITH SOAP & WATER. EYE:FLUSH WITH
WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. INHALED:REMOVE TO FRESH
AIR. PROVIDE OXYGEN/CPR IF NEEDED. ORAL:DO NOT INDUCE VO
MITING. IF
CONSCIOUS, DRINK 4-8 OZ OF WATER. GET MEDICAL ATTENTION
IMMEDIATELY.

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Fire Fighting Measures
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Flash Point Method:TCC
Flash Point:152F,67C
Lower Limits:0.7
Upper Limits:5.0
Extinguishing Media:WATER FOG, CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL.
WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS. DO NOT USE A DIR
ECT STREAM OF
WATER. PRODUCT MAY FLOAT ON SURFACE AND REIGNITE.
Unusual Fire/Explosion Hazard:NONE EXPECTED

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Accidental Release Measures
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Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES
OF IGNITION. VENTILATE AREA. RECOVER FREE-LIQUID IF POSSIBLE.
ABSORB REMAINING SPILL WITH NON-FLAMMABLE MATERIAL SUCH AS SAND.
PREVENT SPILL FROM ENTERING SEWER. COMPLY WITH HAZWOPER (29CFR
1910.120).
Neutralizing Agent:NOT RELEVAN
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Handling and Storage
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Handling and Storage Precautions:STORE IN COOL, DRY, VENTILATED AREA
AWAY FROM SOURCES OF IGNITION. KEEP CONTAINER TIGHTLY CLOSED.
Other Precautions:AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN
OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR
DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. LAUNDRY BEFORE
REUSE. KEEP OUT OF REACH OF CHILDREN.

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Exposure Controls/Person
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al Protection =====

Respiratory Protection:IF WORKING IN CONFINED AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS (PEL), WEAR NIOSH-APPROVED RESPIRATORY PROTECTION (REFER TO 29 CFR 1910.134).

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW PEL(S).

Protective Gloves:NITRILES, RUBBER, NEOPRENE

Eye Protection:GOGGLES AND OR FACE SHIELD

Other Prot

ective Equipment:IF EXCESSIVE SPLASHING IS EXPECTED, USE A RUBBER APRON AND FACE SHIELD. PROVIDE EYEWASH STATION AND EMERGENCY SHOWERS.

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

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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

HCC:V4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:338F,170C

Melt/Freeze Pt:M.P/F.P Te

xt:NOT KNOWN

Vapor Pres:2

Vapor Density:4.5

Spec Gravity:0.90

Evaporation Rate & Reference: