PRODUCT IDENTIFICATION

Product ID: 3010251, VV-C-850A TYPE II GR. D (CUTTING FLUID)

MSDS Date: 02/03/1998
FSC: 9150
NIIN: 00-252-6385
Status Code: A
MSDS Number: CKZDB

RESPONSIBLE PARTY

Company Name: OCTAGON PROCESS INC.
Address: 596 RIVER ROAD
City: EDGEWATER
State: NJ
ZIP: 07020
Country: US
Info Phone Num: 201-945-9400
Emergency Phone Num: 201-417-1056
Resp. Party Other MSDS Num.: REV C
Preparer's Name: J.J. BURGARD
Chemtrec Ind/Phone: (800) 424-9300
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

COMPOSITION/INFORMATION ON INGREDIENTS

This product contains no materials currently on OSHA or ACGIH lists. It is recommended that exposure for the total product be classified as oil mist in air.

HAZARDS IDENTIFICATION

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

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

Health Hazards Acute and Chronic: EYES: MAY CAUSE REDNESS AND IRRITATION. PROLONGED/EXCESSIVE MAY CAUSE CHEMICAL CONJUNCTIVITIS. SKIN: MAY CAUSE IRRITATION AND REDNESS. PROLONGED/EXCESSIVE MAY CAUSE DEFATTING OF SKIN AND DERMITITIS. INHALATION: MAY CAUSE IRRITATION TO THE UPPER RESPIRATORY TRACT. ALSO, MAY CAUSE CNS DEPRESSION. EXTREME CASES OF PROLONGED EXPOSURE MAY CAUSE RESPIRATORY DEPRESSION AND COMA. INGESTION: MAY CAUSE NAUSEA, VOMITING, DIARRHEA, AND PAIN AND IRRITATION TO THE GASTROINTESTINAL TRACT.

Explanation of Carcinogenicity: NO
Effects of Overexposure:

EYES: MAY CAUSE REDNESS AND IRRITATION.
PROLONGED/EXCESSIVE MAY CAUSE CHEMICAL CONJUNCTVITIS.
SKIN: MAY CAUSE IRRITATION AND REDNESS.
PROLONGED/EXCESSIVE MAY CAUSE DEFATTING OF SKIN AND DERMITITIS.
INHALATION: MAY CAUSE IRRITATION TO THE UPPER RESPIRATORY TRACT.
ALSO, MAY CAUSE CNS DEPRESSION.
EXTREME CASES OF PROLONGED EXPOSURE MAY CAUSE RESPIRATORY DEPRESSION AND OR COMA.
INGESTION: MAY CAUSE NAUSEA, VOMITING, DIARRHEA, AND PAIN AND IRRITATION TO THE GASTROINTESTINAL TRACT.

Medical Conditions Aggravated by Exposure:

PRE-EXISTING RESPIRATORY CONDITIONS MAY BE AGGRAVATED.

First Aid Measures

First Aid:

EYES: FLOOD WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.
SKIN: WASH EXPOSED AREAS WITH MILD SOAP AND WATER. IF IRRITATION OCCURS AND PERSISTS, GET MEDICAL ATTENTION.
INHALATION: MOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF BREATHING IS STOPPED, ADMINISTER ARTIFICIAL RESPIRATION (MOUTH TO MOUTH IS PREFERRED) IF TRAINED—GET IMMEDIATE MEDICAL ATTENTION.
INGESTION: DO NOT INDUCE VOMITING. ADMINISTER 4-8 OZ. OF WATER TO DILUTE STOMACH CONTENTS IF VICTIM IS CONSCIOUS, HAS A GOOD GAG REFLEX AND NO DROOLING. GET IMMEDIATE MEDICAL ATTENTION.

Fire Fighting Measures

Flash Point Method:

COC
Flash Point: = 198.9C, 390. F
Lower Limits: N.D
Upper Limits: N.D.
Extinguishing Media: WATER FOG, FOAM, DRY CHEMICAL OR CO2.
Fire Fighting Procedures: DO NOT USE A DIRECT STREAM OF WATER—PRODUCT MAY FLOAT ON SURFACE OF WATER AND REIGNITE. KEEP FIRE EXPOSED CONTAINERS COOL WITH WATER FOG. WEAR FULL TURN-OUT GEAR INCLUDING NIOSH-APPROVED SCBA (AS RECOMMENDED BY NFPA).
Unusual Fire/Explosion Hazard: INCOMPLETE COMBUSTION MAY PRODUCE CARBON MONOXIDE AND SULFUR OXIDES.

Accidental Release Measures

Spill Release Procedures: DIKE AND CONTAIN SPILL. DO NOT ALLOW SPILL TO ENTER DRAINS, SEWERS OR WATERWAYS. RECOVER FREE-LIQUIDS IF POSSIBLE. ABSORB RESIDUAL SPILL WITH INERT MATERIAL AND PLACE INTO PROPER CONTAINERS FOR DISPOSAL. ALL RESPONSE ACTIVITIES MUST COMPLY WITH HAZWOPER (29CFR 1910.120). COMPLY WITH ALL SPILL NOTIFICATION REGULATIONS.

Handling and Storage

Handling and Storage Precautions: STORE IN A COOL, SHV PLACE AWAY FROM OXIDIZERS. KEEP CONTAINERS CLOSED WHEN NOT IN USE. CLEAN CONTAMINATED EQUIPMENT BEFORE STARTING ANY REPAIR WORK.
Other Precautions: USE THIS PRODUCT ONLY AS DIRECTED—SEE MANUFACTURER’S DIRECTIONS.

Exposure Controls/Personal Protection

Respiratory Protection: IF WORKING IN CONFINED AREAS, IF HEAVY MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS (PEL), USE NIOSH/MSHA-APPROVED RESPIRATORY PROTECTION (REFER TO 29CFR 1910.134).
Protective Gloves: RUBBER OR NEOPRENE
Eye Protection: SAFETY GLASSES IF SPLASHING EXPECTED WEAR FACE SHIELD
Other Protective Equipment: RUBBER APRON FOR SPLASHING. PROVIDE LOCAL EMERGENCY SHOWERs AND EYEWASH STATIONS IN THE WORKPLACE.
Work Hygienic Practices: NONE
Supplemental Safety and Health

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

HCC: V5
Boiling Pt: >260°C, 500°F
Vapor Pres: >10 MMHG
Vapor Density: >1
Spec Gravity: 0.92
Evaporation Rate & Reference: <0.001 (NBUAC=1)
Solubility in Water: INSOLUBLE
Appearance and Odor: DARK AMBER COLORED LIQUID; MILD PETROLEUM LIKE ODOR.
Percent Volatiles by Volume: NIL

================================== Stability and Reactivity Data ==================================

Stability Indicator/Materials to Avoid: YES
STRONG OXIDIZERS
Stability Condition to Avoid: NONE
Hazardous Decomposition Products: SULFUR OXIDES AND CARBON MONOXIDE

================================== Disposal Considerations =====================================

Waste Disposal Methods: DISPOSE OF WASTE IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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

SARA Title III Information: THIS PRODUCT IS NOT REGULATED UNDER SARA III SECTION 313 SUPPLIER NOTIFICATION REQUIREMENTS.
Federal Regulatory Information: ALL COMPONENTS ARE LISTED ON THE TSCA INVENTORY.
State Regulatory Information: NEW JERSEY RIGHT TO KNOW INFORMATION:
64742-52-5 HYDROTREATED HEAVY NAPHTHENIC DISTILLATE, 61790-12-3 TALL OIL FATTY ACIDS; MAINLY OLEIC AND LINOLEIC ACIDS, 102-71-6 TRIETHANOLAMINE, 68608-26-4 SULFO NATE, NO CAS# WAX/OIL BLEND.

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

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.