

ROCK VALLEY OIL & CHEM.CO. -- 1487 AW-2 CALIBRATION FLUID -- 6850-01-143-4525

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Product Identification
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Product ID:1487 AW-2 CALIBRATION FLUID

MSDS Date:01/19/1990

FSC:6850

NIIN:01-143-4525

MSDS Number: BJZKY

=== Responsible Party ===

Company Name:ROCK VALLEY OIL & CHEM.CO.

Address:1911 WINDSOR ROAD

City:ROCKFORD

State:IL

ZIP:61111-4253

Country:US

Info Phone Num:815-654-2400

Emergency Ph

one Num:815-654-2400

Preparer's Name:CLAUDE INGRASSIA

CAGE:3T347

=== Contractor Identification ===

Company Name:CUMMINS ENGINE CO INC

Address:500 JACKSON STREET

Box:3005/

City:COLUMBUS

State:IN

ZIP:47202-3005

Country:US

Phone:812-377-3196

CAGE:15434

Company Name:CUMMINS ENGINE CO.

Address:635 S MAPELTON STREET

Box:3005

City:COLUMBUS

State:IN

ZIP:47201-7361

Country:US

Phone:812-377-8233

CAGE:7R168

Company Name:ROCK VALLEY OIL AND CHEMICAL CO INC

Address:1911 WINDSOR ROAD

Box:City:ROCKFORD

State:I

L
ZIP:61111-4253
Country:US
Phone:815-654-2400
CAGE:3T347

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Composition/Information on Ingredients
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Ingred Name:REFINED HEAVY PARAFFINIC DISTILLATES
CAS:64741-88-4
Fraction by Wt: 15-25%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:HYDROTREATED HEAVY NAPHTHENIC DISTILLATE, PETROLEUM
CAS:64742-52-5
RTECS #:PY8035000
Fraction by Wt: 15-25%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3 OIL MIST
ACGIH TLV:5 MG/M
3 OIL MIST

Ingred Name:ALIPHATIC PETROLEUM SOLVENT
CAS:8008-20-6
RTECS #:OA5500000
Fraction by Wt: 50-65%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM STODDARD
ACGIH TLV:100 PPM STODDARD

Ingred Name:PROPRIETARY ADDITIVES
Fraction by Wt: >1%
Other REC Limits:NONE SPECIFIED

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Hazards Identification
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LD50 LC50 Mixture:LD 50 ORAL RAT IS 5000 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OS

HA:NO

Health Hazards Acute and Chronic:HEALTH HAZARDS: ACUTE: EYE, SKIN AND RESPIRATORY TRACT IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS. CHRONIC: MILD SKIN IRRITATION AND DERMATITIS.

Explanation of Carcinogenicity:NONE OF THE INGREDIENTS IN THIS PRODUCT IS LISTED BY NTP, IARC OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYES: MILD IRRITATION. SKIN: MILD IRRITATION WITH PROLONGED OR REPEATED CONTACT, DERMATITIS. INHALATION: PULMONARY IRRITATION, HEADACHE, ANESTHETIC EFFECTS, DIZZINESS, NAUSEA.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH A HISTORY OF SKIN AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES:FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.IF IRRITATION PERSISTS,SEE DOCTOR. SKIN:WASH WITH MILD SOAP AND WATER WHILE REMOVING CONTAMINATED CLOTHING AND SHOES.IF IRRITATION PERSISTS,SEE DOCTOR. INHALATION:REMOVE VICTIM TO FRESH AIR.GIVE OXYGEN/CPR IF NEEDED.SEE DOCTOR. INGESTION:GIVE LARGE AMOUNTS OF WATER OR MILK.DO NOT INDUCE VOMITING.SEE DOCTOR.

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

Flash Point Method:TCC

Flash Point:167F,75C

Lower Limits:1.0

Upper Limits:6.0

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, DRY CHEMICAL, HALON.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL

FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. A VAPOR ACCUMULATION WOULD FLASH AND/OR EXPLODE IF IGNITED.

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

Spill Release Procedures:REMOVE PERSONNEL.ELIMINATE IGNITION SOURCES. VENTILATE AREA.WEAR PROTECTIVE CLOTHING AND EQUIPMENT.ABSORB IN INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL CONTAINER.

CONTAINER AND COVER.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE, HEAT, IGNITION SOURCES AND INCOMPATIBLE MATERIALS. KEEP CONTAINERS CLOSED.

Other Precautions:AVOID EYE AND SKIN CONTACT. DO NOT BREATHE VAPORS. EMPTY CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE TO HEAT, FLAME, SPARKS OR OTHER IGNITION SOURCES.

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

Respiratory Protection:NONE NORMALLY REQUIRED WITH ADEQUATE VENTILATION. NIOSH/MSHA-APPROVED RESPIRATOR OR SCBA AS APPROPRIATE FOR EXPOSURE OF CONCERN.

Ventilation:MECHANICAL (GENERAL) VENTILATION OR LOCAL EXHAUST VENTILATION TO KEEP EXPOSURE LEVELS BELOW PEL.

Protective Gloves:RUBBER GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE

EXPOSURE FROM PROLONGED OR REPEATED CONTACT. EYE BATH AND SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health
NONE.

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

HCC:V4

Vapor Pres:>1

Spec Gravity:0.82

Evaporation Rate & Reference: