

SPRAY PRODUCTS CORP -- SPRAY STARTING FLUID 065-512 -- 2910-00-470-6768

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

Product ID:SPRAY STARTING FLUID 065-512

MSDS Date:01/22/1991

FSC:2910

NIIN:00-470-6768

MSDS Number: BJRFB

=== Responsible Party ===

Company Name:SPRAY PRODUCTS CORP

Address:CONSHOHOCKEN RD

Box:737

City:NORRISTOWN

State:PA

ZIP:19404

Country:US

Info Phone Num:215-277-1010

Emergency Phone Num:2

15-277-1010/800-424-9300(CHEMTREC)

CAGE:12625

=== Contractor Identification ===

Company Name:AR BEE CORP

Address:2455 AMERICAN LN

Box:City:ELK GROVE VILLAGE

State:IL

ZIP:60007-6263

Country:US

Phone:312-595-7334

CAGE:52993

Company Name:MOTIVE SUPPLIERS INC

Address:106 W CLEARFIELD ST

Box:City:PHILADELPHIA

State:PA

ZIP:19133

Country:US

Phone:215-426-2400

CAGE:6M055

Company Name:SPRAY PRODUCTS CORPORATION

Address:CONSHOHOCKEN RD

Box:737

City:NORRISTOWN

State:PA

ZIP:19404

Country:US

Phone:610-277-10

10
CAGE:12625

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

Ingred Name:ETHYL ETHER (SARA III)
CAS:60-29-7
RTECS #:KI5775000
Fraction by Wt: 55.8%
Other REC Limits:NONE SPECIFIED
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400PPM/500STEL; 9192
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:N-HEPTANE
CAS:142-82-5
RTECS #:MI7700000
Fraction by Wt: 37.2%
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9293

Ingred Name:CARBON DIOXIDE
CAS:12
4-38-9
RTECS #:FF6400000
Fraction by Wt: 6.0%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5000 PPM
ACGIH TLV:5000PPM/30000STEL;93

Ingred Name:UPPER CYLINDER LUBRICANT
Fraction by Wt: 1.0%
Other REC Limits:NONE SPECIFIED

=====
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:ACUTE: CENTRAL NERVOUS SYSTEM EFFECTS.
CHRONIC: EYE OR SKIN IRRIT

ATION, SKIN DEFATTING, POSSIBLE PERMANENT
BRAIN AND NERVOUS SYSTEM DAMAGE.

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

Effects of Overexposure:INHALED:COUGHING, WHEEZING, SHORTNESS OF
BREATH, HEADACHE, DIZZINESS, NAUSEA, UNCONSCIOUSNESS. EYES:
REDNESS, TEARING, DISCOMFORT, BLURRED VISION. SKIN: DRY SKIN, RASH,
ITCHING.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS,
RESPIRATORY DIS
EASES MAY BE AGGRAVATED BY EXPOSURE.

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF
IRRITATION PERSISTS, SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER
AFTER REMOVING CONTAMINATED CLOTHING. INHALATION: REMOVE TO FRESH
AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING
IS DIFFICULT, GIVE OXYGEN. SEE DOCTOR. INGESTION: DO NOT INDUCE
VOMITING. SEE DOCTOR IMMEDIATELY. NOTHING
BY MOUTH IF UNCONSCIOUS.

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

Flash Point Method:TCC

Flash Point:-49F,-45C(ETHER)

Lower Limits:1.85(ETHER)

Upper Limits:48.0(ETHER)

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

Fire Fighting Procedures:HANDLE AS EXTREMELY FLAMMABLE LIQUID. COOL
CONTAINERS EXPOSED TO HEAT WITH WATER. USE AIR-SUPPLIED BREATHING
EQUIPMENT FOR ENCLOSED AREAS.

Unusual Fire/Explosion Hazard:CONTENTS UNDER PRESSU
RE. CONTAINERS MAY

RUPTURE IN HEAT OF FIRE. COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:EVACUATE PERSONNEL. ELIMINATE IGNITION
SOURCES. VENTILATE AREA. WEAR PROTECTIVE CLOTHING AND EQUIPMENT.
ABSORB IN PAPER TOWELS OR SORBENTS AND PLACE IN A CONTAINER FOR
LATER DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

=====

= Handling and Storage =====

Handling and Storage Precautions:CONTENTS UNDER PRESSURE. DO NOT STORE ABOVE 120F. STORE AND USE AWAY FROM ALL IGNITION AND HEAT SOURCES. USE ONLY WITH VENTILATION.

Other Precautions:AVOID EYE AND SKIN CONTACT. DO NOT BREATHE VAPORS.

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

Respiratory Protection:NONE NORMALLY REQUIRED. NIOSH/MSHA-APPROVED RESPIRATOR IF VENTILATION IS INADEQUATE.

Ventilation:LOCAL EXHAUST VE

NTILATION. MECHANICAL (GENERAL)

VENTILATION, IF REQUIRED. USE EXPLOSION-PROOF EQUIPMENT.

Protective Gloves:NEOPRENE IN CASE OF EXPOSURE.

Eye Protection:SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING.

Supplemental Safety and Health

MATERIAL IS USED ON A-10 AIRCRAFT.

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

HCC:V3

Boiling Pt:=35.C, 95.F

B

.P. Text:95F(ETHER)

Melt/Freeze Pt:=-116.1C, -177.F

M.P/F.P Text:-177F(ETHER

Vapor Pres:537(ETHER)

Vapor Density:2.55/ETHER

Spec Gravity:0.713(ETHER)

Evaporation Rate & Reference:37.5(ETHER)(BU AC = 1)

Solubility in Water:SLIGHT

Appearance and Odor:CLEAR LIQUID IN AEROSOL CAN. ETHER ODOR.

Percent Volatiles by Volume:99

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

Stability Indicator/Materials to Avoid:YES

AVOID OXIDIZERS.

Stability Condition to Avoid:HEAT, SPARKS, OP

EN FLAMES. DO NOT STORE
ABOVE 120F.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE,
INCOMPLETELY BURNED CARBON PRODUCTS.

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

Waste Disposal Methods: CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.
DEFECTIVE CONTAINERS SHOULD BE TAKEN TO AN APPROVED WASTE SITE. DO
NOT PUNCTURE OR INCINERATE CANS. DISPOSE OF IN ACCORDANCE WITH ALL
FEDERAL, STATE AND LOCAL REGULATIONS. EPA WASTE NO. U117, D001.

Discl

claimer (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.