

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:215-277-1010/800-424-9300(CHEMTREC)

CAGE:12625

=== Contractor Iden

tification ===

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:610-277-1010

CAGE:12625

===== Composition/Information on Ingredie

nts =====

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:124-38-9
RTECS #:FF6400000
Fraction by Wt: 6.0%
Other REC Limits:NO
NE 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 IRRITATION, SKIN DEFATTING, POSSIBLE PERMANENT
BRAIN AND NERVOUS S

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 DISEASES MAY BE AGGRAVATED BY EXPOSURE.

===== Fi
rst 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 M
asures =====

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 PRESSURE. 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 Stor

age 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 VENTILATION. 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, OPEN FLAMES. DO NOT STORE
ABOVE 120F.
Hazardous Decomposition P

roducts: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.

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.