

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

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

Product ID:SPRAY STARTING FLUID

MSDS Date:08/26/1987

FSC:2910

NIIN:00-470-6768

MSDS Number: BDZPY

=== 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

Prep

Preparer's Name:ANDREW A. ORR

CAGE:12625

=== Contractor Identification ===

Company Name:J I CASE CO.

Address:700 STATE STREET

Box:City:RACINE

State:WI

ZIP:53404

Country:US

Phone:414-636-6011

CAGE:10988

Company Name:SPRAY PRODUCTS CORPORATION

Address:CONSHOHOCKEN RD

Box:737

City:NORRISTOWN

State:PA

ZIP:19404

Country:US

Phone:610-277-1010

CAGE:12625

Company Name:WMS MFG INC

Address:430 W MERRICK RD

Box:City:VALLEY STREAM

State:NY

ZIP:11580

Country:US

Phone:516-568-0181

CAGE:0BN14

===== Compo

sition/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:124-38-9

RTECS #:FF6400000

Fraction

by Wt: 3%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5000 PPM

ACGIH TLV:5000PPM/30000STEL;93

Ingred Name:NITROUS OXIDE

CAS:10024-97-2

RTECS #:QX1350000

Fraction by Wt: 3%

Other REC Limits:NONE SPECIFIED

ACGIH TLV:50 PPM; 9192

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

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

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

Health Hazards Acute and Chronic:HEALTH HAZARDS- ACUTE: CENTRAL NERVOUS  
SYSTEM EFFECTS, UNCO

UNCONSCIOUSNESS. CHRONIC: EYE OR SKIN IRRITATION.

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

Effects of Overexposure:DROWSINESS, STUPOR, UNCONSCIOUSNESS. PROLONGED EXPOSURE MAY CAUSE EYE OR SKIN IRRITATION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES/SKIN: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION

PERSISTS, SEE DOCTOR. INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. SEE DOCTOR. INGESTION: DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY.

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

Flash Point Method:TCC

Flash Point:-56F,-49C

Lower Limits:1.85

Upper Limits:48.0

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

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A F

ULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard: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:REMOVE PERSONNEL.ELIMINATE IGNITION SOURCES.VENTILATE AREA.WEAR PROTECTIVE CLOTHING AND EQUIPMENT.ABSORB IN PAPER TOWELS AND TAKE TO SAFE PLACE FOR EVAPORATION.

=====  
===== 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 VENTILATION IF VENTI

LATION IS INADEQUATE.

Ventilation:LOCAL EXHAUST VENTILATION. MECHANICAL (GENERAL)  
VENTILATION, IF REQUIRED. USE EXPLOSION-PROOF EQUIPMENT.

Protective Gloves:NEOPRENE IF CONTACT IS LIKELY.

Eye Protection:SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:STANDARD HYGENIC PRACTICES.

Supplemental Safety and Health

NONE.

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

HCC:V3

Boiling Pt:=34.4C, 94.F

B.P. Text:94F/34

.4C

Vapor Pres:442

Vapor Density:2.56

Spec Gravity:0.71

Evaporation Rate & Reference:6.9 (BUTYL ACETATE = 1)

Solubility in Water:6.5 WT%

Appearance and Odor:LIQUID IN AEROSOL CAN.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

NONE NOTED.

Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAMES.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,

INCOMPLETELY BURNED CARBON PRODUC

TS.

===== 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.

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