

## 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  
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

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

Ingred Name:ETHYL ETHER (SARA III)  
CAS:60-29-7  
RTECS #:KI5775000

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http://hazard.com/msds/f2/bdz/bdzy...

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  
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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, 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.

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First Aid Measures  
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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  
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Flash Point Method:TCC  
Flash Point:-56F,-49C  
Lower Limits:1.85

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<http://hazard.com/msds/f2/bdz/bdzy...>

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 FULL 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 VENTILATION 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.

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<http://hazard.com/msds/f2/bdz/bdzp...>

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

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.

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