

SPRAY PRODUCTS CORP -- FUEL,ENGINE PRIMER,SPRAY STARTING FLUID,065-516 --
6850-00-823-7861

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

Product ID:FUEL,ENGINE PRIMER,SPRAY STARTING FLUID,065-516

MSDS Date:12/01/1995

FSC:6850

NIIN:00-823-7861

MSDS Number: CCLTC

=== Responsible Party ===

Company Name:SPRAY PRODUCTS CORP

Address:CONSHOHOCKEN RD

Box:737

City:NORRISTOWN

State:PA

ZIP:19404

Country:US

Info Phone

Num:610-277-1010

Emergency Phone Num:610-277-1010/800-424-9300(CHEMTREC)

CAGE:12625

=== Contractor Identification ===

Company Name:SPRAY PRODUCTS CORPORATION

Address:CONSHOHOCKEN RD

Box:737

City:NORRISTOWN

State:PA

ZIP:19404

Country:US

Phone:610-277-1010

CAGE:12625

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

Ingred Name:ETHYL ETHER (CERCLA)

CAS:60-29-7

RTECS #:KI5775000

Fraction by Wt: 60%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400PPM/500STEL; 959

6

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:N-HEPTANE

CAS:142-82-5

RTECS #:MI7700000

Fraction by Wt: 33%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:500 PPM

ACGIH TLV:400 PPM/500STEL;9596

Ingred Name:CARBON DIOXIDE

CAS:124-38-9

RTECS #:FF6400000

Fraction by Wt: 6%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5000 PPM

ACGIH TLV:5000PPM/30000STEL;96

Ingred Name:UPPER CYLINDER LUBRICANT

Fraction by Wt: 1%

Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====
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LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, CNS,

RESPIRATORY & GI TRACTS. ACUTE- MAY CAUSE EYE IRRITATION & SKIN DEFATTING. INHALATION MAY CAUSE IRRITATION OF RESPIRATORY TRACT, CNS DEPRESSION, LOSS OF CONSCIOUSNESS. INGESTION MAY CAUSE IRRITATION OF DIGESTIVE TRACT, VOMITING, DIARRHEA. CHR

ONIC- MAY

CAUSE DERMATITIS, BRAIN & CNS DAMAGE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, HEADACHE, DIFFICULTY IN BREATHING, NAUSEA, VOMITING, DIZZINESS, FATIGUE, CONFUSION, DERMATITIS, BLURRED VISION, TEARING

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, CNS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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

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First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NECESSAR Y. ORAL:DO NOT INDUCE VOMITING. KEEP WARM. GET MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point Method:TCC

Flash Point:FLAMMABL AEROSOL

Lower Limits:1.85%

Upper Limits:48%

Extinguishing M

edia:DRY CHEMICAL, CARBON DIOXIDE, FOAM OR HALON. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:SPRAY CANS UNDER PRESSURE. EXTREMELY FLAMMABLE. EXPLOSION HAZARD EXISTS WHEN SPRAY CANS HEATED. DO NOT ENTER SPRAY CAN STORAGE AREA IF FIRE PRESENT.

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

Spill Release Procedures:VEN

TILATE AREA. REMOVE IGNITION SOURCES.

LEAKING CONTAINERS SHOULD BE PLACED OUTDOORS, IN AN OPEN CONTAINER, AWAY FROM SOURCES OF IGNITION. ALLOW PRESSURE TO DISSIPATE. ABSORB LIQUID WITH NON-FLAMMABL E ABSORBENT AND PLACE IN CONTAINER FOR DISPOSAL.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE SPRAY CANS IN COOL, WELL VENTILATED AREAS AWAY FROM SOURCES OF IGNITION, INCOMPATIBLES &

SUNLIGHT. DO NOT STORE ABOVE 120F.

Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE AND MAY BE DANGEROUS. FOLLOW ALL LABEL INSTRUCTIONS. AVOID REPEATED/PROLONGED SKIN CONTACT. KEEP OUT OF REACH OF CHILDREN. DO NOT BREATHE VAPORS. DO NOT SPRAY TOWARD FACE/HOT SURFACES. WASH AFTER HANDLING.

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

Respiratory Protection:IF TLV IS EXCEEDED, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR AIR-PURIFYING RESPIRATOR. IN

EMERGENCY, WEAR A
NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING
APPARATUS.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)
VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NEOPRENE IF SKIN CONTACT IS POSSIBLE

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWERS SHOULD BE
AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.

Work Hygienic Practices:OBSERVE GOOD

INDUSTRIAL HYGIENE PRACTICES AND

RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING,
DRINKING/SMOKING.

Supplemental Safety and Health

EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE. CONTAINS FLAMMABLE
LIQUID. DO NOT USE IN CONFINED AREA OR AREA WITH LITTLE AIR
MOVEMENT. EMPLOY MEANS TO PREVENT VAPOR BUILDUP.

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

HCC:V3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:95F (ETHER)

Melt/Freeze Pt:M.P/F.P Text:-

177F ETHER

Vapor Pres:537(ETHER)

Vapor Density:2.55 ETHER

Spec Gravity:0.713 (ETHER)

Viscosity:NOT KNOWN

Evaporation Rate & Reference:37.5 (N-BUTYL ACETATE=1)

Solubility in Water:SLIGHT

Appearance and Odor:CLEAR LIQUID - ETHER ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES, DIRECT SUNLIGHT,
TEMPERATURES ABOVE 120F

Hazardous Decomposition Products

cts:CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT PUNCTURE, INCINERATE SPRAY CANS EVEN AFTER USE. DO NOT FLUSH INTO DRAINS.

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