

## **159-06, FULLER-O'BRIEN AND CROWN SOLVENT- (SUPP DATA)**

### **MSDS Number**

BVDXL

### **National Stock Number**

8010-00N050798

### **Product Name**

159-06, FULLER-O'BRIEN AND CROWN SOLVENT- (SUPP DATA)

### **Manufacturer**

O'BRIEN CORP

### **Product Identification**

Product ID:159-06, FULLER-O'BRIEN AND CROWN SOLVENT- (SUPP DATA)

MSDS Date:03/01/1990

FSC:8010

NIIN:00N050798

MSDS Number: BVDXL

### **Responsible Party**

O'BRIEN CORP

450 EAST GRAND AVENUE

SOUTH SAN FRANCISCO , CA 94080

US

Emergency Phone: 800-424-9300(CHEMTREC)

Info Phone: 800-338-8040

Cage: FO983

### **Contractor**

O'BRIEN CORP

SOUTH SAN FRANCISCO, CA 94080

US

(415) 761-2300

Cage: FO983

### **Ingredients**

LIMIT. FOR BAKING FINISHES, VENT VAPORS EMITTED ON

RTECS: 9999999ZZ

WITH A RAG AND WASH THOROUGHLY WITH SOAP

RTECS: 9999999ZZ

CALCIUM CARBONATE

CAS: 1317-65-3

RTECS: EV9580000

Fraction By Weight: 5-10%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST

CARBON BLACK

CAS: 1333-86-4

RTECS: FF5800000

Fraction By Weight: 5%

OSHA PEL3.5 MG/M3

ACGIH TLV: 3.5 MG/M3

CHROMIUM (SARA III)

CAS: 7440-47-3

RTECS: GB4200000

Fraction By Weight: < 5%

OSHA PEL1 MG/M3

ACGIH TLV: 0.5 MG/M3

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

SILICA, CRYSTALLINE - QUARTZ

CAS: 14808-60-7

RTECS: VV7330000

Fraction By Weight: < 5%

OSHA PEL10 MG/M3 RDUST

ACGIH TLV: 0.1 MG/M3 RDUST

SILICA, CRYSTALLINE - CRISTOBALITE

CAS: 14464-46-1

RTECS: VV7325000

Fraction By Weight: < 5%

OSHA PELSEE TABLE

ACGIH TLV: 0.05 MG/M3 RDUST

SILICIC ACID, TETRAETHYL ESTER; (ETHYL SILICATE)

CAS: 78-10-4

RTECS: VV9450000

Fraction By Weight: < 5%

OSHA PEL100 PPM

ACGIH TLV: 10 PPM

SILICATE, MICA; (MICA (MINERAL))

CAS: 12001-26-2

RTECS: VV8760000

Fraction By Weight: < 5%

OSHA PEL20 MPPCF; Z-3  
ACGIH TLV: 3 MG/M3 RDUST

MINERAL SPIRITS (F)  
CAS: 64742-88-7  
Fraction By Weight: 40%  
OSHA PEL500 PPM  
ACGIH TLV: 100 PPM

MINERAL SPIRITS (G)  
CAS: 64742-88-7  
Fraction By Weight: 5%  
OSHA PEL500 PPM  
ACGIH TLV: 100 PPM

MINERAL SPIRITS; (ODORLESS MINERAL SPIRITS)  
CAS: 64742-88-7  
Fraction By Weight: 10%  
OSHA PEL500 PPM  
ACGIH TLV: 100 PPM

MINERAL SPIRITS; (PETROLEUM NAPHTHA (H))  
CAS: 64742-88-7  
Fraction By Weight: 5%  
OSHA PEL500 PPM  
ACGIH TLV: 100 PPM

SILICON DIOXIDE, AMORPHOUS  
CAS: 112945-52-5  
RTECS: VV7310000  
Fraction By Weight: < 5%  
OSHA PELN/K  
ACGIH TLV: N/K

TALC (POWDER), CONTAINING NO ASBESTOS FIBERS; (TALC)  
CAS: 14807-96-6  
RTECS: WW2710000  
Fraction By Weight: 5%  
OSHA PEL2 MG/M3 RDUST  
ACGIH TLV: 2 MG/M2 RDUST

TITANIUM OXIDE; (TITANIUM DIOXIDE)

CAS: 13463-67-7

RTECS: XR2275000

Fraction By Weight: 15%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST

XYLENE (SARA III)

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: < 5%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM;150 STEL

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ZINC OXIDE

CAS: 1314-13-2

RTECS: ZH4810000

Fraction By Weight: < 5%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10MG/M3 TDUST

250-440 G/L

RTECS: 9999999VO

OSHA PELN/K

ACGIH TLV: N/K

GRP2.

RTECS: 9999999ZZ

CAUSE DMG TO KID/LIV/LUNGS/BLOOD CELLS,

RTECS: 9999999ZZ

BENZENE (SARA III)

CAS: 71-43-2

RTECS: CY1400000

Fraction By Weight:

OSHA PELN/K

ACGIH TLV: 10 PPM

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

ALUMINUM (SARA III)

CAS: 7429-90-5

RTECS: BD0330000

Fraction By Weight: 5%

OSHA PEL15MG/M3 DUST;5 FUME

ACGIH TLV: 10MG/M3 DUST

SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC; (AROMATIC

CAS: 64742-95-6

RTECS: WF3400000

Fraction By Weight: < 5%

OSHA PELN/K

ACGIH TLV: 100 PPM

BARIUM SULFATE (DUST)

CAS: 7727-43-7

RTECS: CR0600000

Fraction By Weight:

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE:INGEST:CAUSES IRRIT TO MOUTH, THROAT & GI TRACT W/ACUTE CNS DEPRESS. SYMPS MAY INCL HDCH, DIZZ, CONFUSION, NAUS, VOMIT, ABDOM PAIN, DIARR, UNCON/COMA.INHAL:ANESTHETIC. IRRIT OF RESP TRACT & ACUT E NERV SYS DEPRESS CHARAC BY THE FOLLOWING PROGRESSIVE STEPS:HDCH, DIZZ, STAG GAIT, CONFUSION, UNCON OR(EFTS OF OVEREXP)

Explanation of Carcinogenicity:CHROMIUM: IARC MONOGRAPHS, VOL 49,PG 49, 1990: GRP 1. NTP: ANNUAL REPORT ON CARCIN, 1991: KNOWN TO BE CARCIN.(SUPP DATA)

Effects of Overexposure:HLTH HAZ:COMA. EYE:CAN CAUSE SEV IRRIT & BLURRED VISION. SKIN:CAUSES IRRIT. PRLNG/RPTD CNTCT MAY RSLT IN DERM. CHRONIC:REPORTS HAVE ASSOC PRLNGD & RPTD OCCUP OVEREXP TO SOLVS W/PERM BRAIN & CNS DMG. I NTENTIONAL MISUSE BY DELIB CONC & INHALCONTENTS MAY BE HARMFUL/FATAL. CHRONIC EXPOS TO SOLVS HAS BEEN SHOWN TO (ING 23)

Medical Cond Aggravated by Exposure:ING 4:BIO EXPOS INDICES INCL PHENOL IN URINE & BENZENE IN EXHALER AIR. ING 8:EXISTING LUNG DISEASES; A LUNG TOXIN. ING 19: BIO EXPOS INDICES INCL METHYLHIPURIC ACIDS IN URINE.

## First Aid

First Aid:INGEST:DRINK 1-2 GLASSES OF H\*2O TO DILUTE. KEEP PERSON WARM, QUIET & GET MED ATTN IMMED. DECISION TO INDUCE VOMIT MUST BE BASED ON ADVICE OF A MD/POIS CTL CTR. NEVER GIVE ANYTHING BY MOUTH TO AN UNCO N PERSON. INHAL:REMOVE TO FRESH AIR. RESTORE BRTHG. CONSULT MD. EYE:IMMED FLUSH W/COOL H\*2O FOR @ LST 15 MIN, OCCSNLY LIFTING LIDS TO ENSURE THORO RINSING. SEND FOR ASSISTANCE. SKIN: WIPE OFF(ING 24)

## Fire Fighting

Flash Point:105F,41C  
Lower Limits:1.0%  
Extinguishing Media:FOAM, CO\*2, DRY CHEMICAL, WATER FOG.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROT EQUIP  
. WATER MAY BE USED TO COOL CLSD CNTNRS TO PVNT PRESS BUILD-UP &  
POSS AUTOIGNIT/EXPLO WHEN (SUPP DATA)  
Unusual Fire/Explosion Hazard:KEEP CNTNRS TIGHTLY CLSD. ISOLATE FROM  
HEAT/SPARKS/FLAME/ELEC EQUIP. CLSD CNTNRS MAY EXPLODE WHEN EXPOSED  
TO EXTREME HEAT. APPLIC TO HOT SUFS (SUPP DATA)

## Accidental Release

Spill Release Procedures:REMOVE SOURCES OF IGNITION. SOAK UP AND REMOVE  
WITH INERT ABSORBENT MATERIAL WITH NON-SPARKING TOOLS. PROVIDE  
ADEQUATE VENTILATION. USE APPROVED VAPOR RESPIRATOR.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:STORE UPRIGHT IN SEALED CONTAINERS AND  
USE AWAY FROM HIGH TEMPS, SPARKS AND FLAME. AVOID PROLONGED CONTACT  
WITH SKIN.  
Other Precautions:DO NOT INGEST. KEEP CONTAINER TIGHTLY SEALED WHEN NOT  
IN USE. KEEP OUT OF REACH OF CHILDREN.

## Exposure Controls

Respiratory Protection:NIOSH/MSHA APPRVD PROPERLY FITTED MECH RESP OR  
MASK TO AVOID BRTHG VAP/SPRAY MIST DURING MIXING, SPRAYING,  
APPLICATION OR CURING. NIOSH/MSHA APPRVD PROPERLY FITTED POSITIVE  
AIR SUPPLIED RESP IN CONFIN ED AREAS OR WHEN OVERSPRAY IS PRESENT.  
Ventilation:SUFFICIENT VENT IN VOL & PATTERN TO KEEP AIR CONTAM CONC  
BELOW APPLIC OSHA PERMISSIBLE EXPOS LEVEL/ACGIH'S TLV (ING 25)  
Protective Gloves:IMPERVIOUS GLOVES .  
Eye Protection:ANSI APPROVD CHEM WORKER GOGGLES .  
Other Protective Equipment:PROTECTIVE OVERALLS RECOMMENDED. REMOVE AND  
WASH CONTAM CLTHG. DISCARD CONTAM SHOES.  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
MFR TRADE NAME/PART NO: BASED ARCHITECTURAL COATING. FIRE FIGHT  
PROC:EXPSD TO EXTREME HEAT. EXPLO HAZ:REQUIRES SPECIAL PRECS.  
DURING EMER CNDTNS, OVEREXP TO DECOMP PRODS MAY CAUSE HLTH HAZ.  
OBTAIN MED ATTN. EXPLAN OF CARCIN: HUMAN/ANIMAL: LUNG CANCER,  
SKIN. SILICA, CRYSTALLINE-(QUARTZ,CRISTOBALITE): IARC (ING 22)

## Chemical Properties

Boiling Pt:B.P. Text:>241F,>116C  
Vapor Density:HVR/AIR  
Spec Gravity:1.3  
Evaporation Rate & Reference:SLOWER THAN ETHER  
Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.  
Percent Volatiles by Volume:60

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS, ACIDS, BASES  
Stability Condition to Avoid:HIGH TEMPERATURE.  
Hazardous Decomposition Products:MAY PRODUCE FUMES WHEN HEATED TO  
DECOMPOSITION. FUMES MAY CONTAIN CO, CO\*2, AND NO\*2.

## Disposal

Waste Disposal Methods:DISPOSE IN SEALED METAL CONTAINER AWAY FROM HEAT  
AND FLAME IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.  
DO NOT INCINERATE CLOSED CONTAINERS.

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