

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : DLUX PURE CREAM REMOVER
 Code name : DPCR15
 General Use :
 Product Description :
 MANUFACTURER :
 Company Name : JL INTERNATIONAL CO.LTD.,
 Address : 180-11, Haengjusanseong-ro 116beon-gil, Deogyang-gu,
 Goyang-si, Gyeonggi-do, Republic of Korea
 TEL : +82-31-973-9902 Fax : +82-31-973-9901

2.COMPOSITION INFORMATION ON INGREDIENTS

Ingredient	CAS No.	%wt
Propylene Carbonate	108-32-7	47.50%
Isododecane	13475-82-6	30%
Disteardimonium Hectorite	94891-31-3	
Propylene Carbonate	108-32-7	10%
Diatomaceous Earth	68855-54-9	
Cellulose Acetate Butyrate	9004-36-8	5%
Quaternium-18 Hectorite	12001-31-9	5%
Squalane	111-01-3	1%
Polysorbate 80	9005-65-6	1%
Benzyl Alcohol	100-51-6	0.50%
Water	7732-18-5	

3.HAZARD IDENTIFICATION

EMERGENCY OVERVIEW :

PHYSICAL STATE : COMPARING SAMPLES

ODOR : COMPARING SAMPLES

MAJOR HEALTH HAZARDS : NO SIGNIFICANT TARGET EFFECTS REPORTED.

POTENTIAL HEALTH EFFECTS :

INHALATION :

SHORT TERM EXPOSURE : NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS

LONG TERM EXPOSURE : NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS

SKIN CONTACT :

SHORT TERM EXPOSURE : NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS

LONG TERM EXPOSURE : NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS

EYE CONTACT :

SHORT TERM EXPOSURE : NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS

LONG TERM EXPOSURE : NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS

INGESTION :

SHORT TERM EXPOSURE : NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS

LONG TERM EXPOSURE : NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS

4.FIRST AID MEASURES

Ingestion : OBTAIN MEDICAL ATTENTION

Inhalation : REMOVE FROM EXPOSURE TO FRESH AIR IF SYMPTOMATIC
 MOVE FROM EXPOSURE TO FRESH AIR IF SYMPTOMATIC.

Eye contact : IMMEDIATELY IRRIGATE THOROUGHLY WITH WATER FOR GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : REGULAR DRY CHEMICAL, CARBON DIOXIDE, WATER, REGULAR FOAM.
LARGE FIRES : USE REGULAR FOAM OR FLOOD WITH FINE WATER SPRAY.

EXTINGUISHER METHODS : FOAM, CARBON DIOXIDE, DRY CHEMICAL.

SPECIAL FIRE FIGHTING PROCEDURES : WHEN INVOLVED IN A FIRE, THIS PRODUCT MAY IGNITE READILY AND DECOMPOSE TO PRODUCE CARBON OXIDE. PRESSURE BUILDUP MAY OCCUR DUE TO HEAT EXPOSURE OF CLOSED CONTAINERS. WATER MAY BE USED TO COOL CLOSED CONTAINERS.
WEAR SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS :

VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND TO A SOURCE OF IGNITION.
PREVENT BUILD-UP OF EXPLOSIVE GASES TO EXPLOSIVE CONCENTRATIONS.

6. ACCIDENTAL RELEASE MEASURES

OCCUPATIONAL RELEASE : AVOID HEAT, FLAMES, SPARKS AND OTHER SOURCES OF IGNITION.
STOP LEAK IF POSSIBLE WITHOUT PERSONAL RISK. REDUCE VAPORS WITH WATER SPRAY.

SMALL SPILLS : ABSORB WITH SAND OR OTHER NON-COMBUSTIBLE MATERIAL.
COLLECT SPILLED MATERIAL IN APPROPRIATE CONTAINER FOR DISPOSAL.

LARGE SPILLS : DIKE FOR LATER DISPOSAL. REMOVE SOURCES OF IGNITION.
KEEP UNNECESSARY PEOPLE AWAY, ISOLATE HAZARD AREA AND DENY ENTRY.

7. HANDLING AND STORAGE

STORE AND HANDLE IN ACCORDANCE WITH ALL CURRENT REGULATIONS AND STANDARDS.
PROTECTION AGAINST FIRE AND EXPLOSION
GROUNDING AND BONDING REQUIRED. KEEP SEPARATED FROM INCOMPATIBLE SUBSTANCES.
KEEP AWAY FROM HEAT. PROTECT FROM DIRECT SUNLIGHT. STORAGE TEMP. MAX.30°C

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

VENTILATION :

PROVIDE LOCAL EXHAUST VENTILATION SYSTEM. VENTILATION EQUIPMENT SHOULD BE
EXPLOSION-RESISTANT IF EXPLOSIVE CONCENTRATIONS OF MATERIAL ARE PRESENT,
ENSURE COMPLIANCE WITH APPLICABLE EXPOSURE LIMITS.

EYE PROTECTION : WEAR SPLASH RESISTANT SAFETY GOGGLES. PROVIDE AN EMERGENCY EYE WASH
FOUNTAIN AND QUICK DRENCH SHOWER IN THE IMMEDIATE WORK AREA.

CLOTHING : WEAR APPROPRIATE CHEMICAL RESISTANT CLOTHING.

GLOVES : WEAR APPROPRIATE CHEMICAL RESISTANT GLOVES.

RESPIRATOR : UNDER CONDITIONS OF FREQUENT USE OR HEAVY EXPOSURE, RESPIRATORY PROTECTION
MAY BE NEEDED. RESPIRATORY PROTECTION IS RANKED IN ORDER FROM MINIMUM TO MAXIMUM.
CONSIDER WARNING PROPERTIES BEFORE USE.

ANY CHEMICAL CARTRIDGE RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE(S).

ANY CHEMICAL CARTRIDGE RESPIRATOR WITH A FULL FACEPIECE AND ORGANIC VAPOR CARTRIDGE(S).

ANY AIR-PURIFYING RESPIRATOR WITH A FULL FACEPIECE AND AN ORGANIC VAPOR CANISTER.

FOR UNKNOWN CONCENTRATIONS OR IMMEDIATELY DANGEROUS TO LIFE OR HEALTH ANY SUPPLIED AIR
RESPIRATOR WITH FULL FACEPIECE AND OPERATED IN A PRESSURE DEMAND OR

OTHER POSITIVE-PRESSURE MODE IN COMBINATION WITH A SEPARATE ESCAPE SUPPLY.

ANY SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE :	COMPARING SAMPLES
Appearance :	COMPARING SAMPLES
Odor :	COMPARING SAMPLES
FREEZING POINT :	NOT AVAILABLE
FLASH POINT :	NOT AVAILABLE
Specific gravity :	0.98 - 1.30 (25°C)
WATER SOLUBILITY :	NOT AVAILABLE
VOLATILITY :	NOT AVAILABLE
ODOR THRESHOLD :	NOT AVAILABLE
COEFFICIENT OF WATER/OIL DISTRIBUTION :	NOT AVAILABLE

10. STABILITY AND REACTIVITY

REACTIVITY : POLYMERIZES WITH EVOLUTION OF HEAT.
AVOID CONTACT WITH AIR, LIGHT, WATER OR STORAGE AND USE ABOVE ROOM TEMPERATURE.

CONDITIONS TO AVOID : AVOID HEAT, FLAMES, SPARKS AND OTHER SOURCES OF IGNITION.
CONTAINERS MAY RUPTURE OR EXPLODE IF EXPOSED TO HEAT.
KEEP OUT OF WATER SUPPLIES AND SEWERS.

INCOMPATIBILITIES : OXIDIZING MATERIALS

OXIDIZERS(STRONG) : FIRE AND EXPLOSION HAZARD

HAZARDOUS DECOMPOSITION :
THERMAL DECOMPOSITION PRODUCTS : OXIDES OF CARBON

POLYMERIZATION : POLYMERIZES WITH EVOLUTION OF HEAT.
AVOID CONTACT WITH HEAT, AIR, LIGHT OR MOISTURE AND MONITOR INHIBITOR CONTENT.

11. TOXICOLOGICAL INFORMATION

INHALATION :
ACUTE EXPOSURE : MAY CAUSE IRRITATION.
CHRONIC EXPOSURE : NO DATA AVAILABLE.

SKIN CONTACT :
ACUTE EXPOSURE : MAY CAUSE IRRITATION.
CHRONIC EXPOSURE : NO DATA AVAILABLE.

EYE CONTACT :
ACUTE EXPOSURE : MAY CAUSE IRRITATION.
CHRONIC EXPOSURE : NO DATA AVAILABLE.

INGESTION :
ACUTE EXPOSURE : NO DATA AVAILABLE.

12. ECOLOGICAL INFORMATION

DEGREE OF ELIMINATION : 20 - 70%

13. DISPOSAL CONSIDERATIONS

DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS HAZARDOUS UNDER TRANSPORT REGULATIONS.

15. REGULATORY INFORMATION

Labeling according E.E.C. directives : Not submitted to labeling

16. OTHER INFORMATION

This information is furnished without warranty, except that it is accurate to the best knowledge of JL INTERNATIONAL CO.LTD. The data on this sheet relates only to the specific material designated herein.