

# Material Safety Data Sheet

Dysol Inc.  
2901 Shamrock Avenue  
Fort Worth, Texas 76107  
(817) 335-1826

## DS-800 SOLVENT

Page: 1  
Date Prepared: 03/08/2006  
No: 80008001

### SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: DS-800 SOLVENT (SOLVENT, CLEANING, DEFOD P/N B6274-1)

CHEMICAL NAME: Not applicable: Blend

CHEMICAL FAMILY: Synthetic Isoparaffinic Hydrocarbon mixture C10 & C11

PRODUCT DESCRIPTION: Isoparaffinic Hydrocarbon

EMERGENCY TELEPHONE NUMBERS: CHEM-TEL, INC. (800) 255-3924

### SECTION 2 HAZARDOUS INGREDIENT & PROTECTION

This product is hazardous as defined in 29 CFR1910.1200.

OSHA HAZARD  
Combustible

For additional information see Section 3

### SECTION 3 HEALTH INFORMATION & PROTECTION

#### NATURE OF HAZARD

EYE CONTACT: Slightly irritating but does not injure eye tissue.

SKIN CONTACT: Low order of toxicity.  
Frequent or prolonged contact may irritate and cause dermatitis.  
Skin contact may aggravate an existing dermatitis condition.

INHALATION: High vapor/aerosol concentrations (greater than approximately 1000 ppm) are irritating to the eyes and the respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death.

INGESTION: Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.  
Minimal toxicity.

#### FIRST AID

EYE CONTACT: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

# Material Safety Data Sheet

Dysol Inc.  
2901 Shamrock Avenue  
Fort Worth, Texas 76107  
(817) 335-1826

Page: 2

## DS-800 SOLVENT

Date Prepared: 03/08/2006

No: 80008001

**SKIN CONTACT:** Flush with large amounts of water: use soap if available  
Remove grossly contaminated clothing, including shoes, and launder before reuse.

**INHALATION:** Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

**INGESTION:** If swallowed. Do not induce vomiting. Keep at rest. Get prompt medical attention.

ACUTE TOXICITY DATA IS AVAILABLE UPON REQUEST

### WORKPLACE EXPOSURE LIMITS

DYSOL RECOMMENDS THE FOLLOWING OCCUPATIONAL LIMITS:  
300 ppm total hydrocarbon based on composition.

### PRECAUTIONS

#### SPECIAL PRECAUTIONS:

Health studies have shown that many petroleum hydrocarbons pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

#### PERSONAL PROTECTION:

For open systems where contact is likely, wear safety glasses with side shields, long sleeves, and chemical resistant gloves.

Where contact may occur, wear safety glasses with side shields.

Where concentrations in air may exceed the limits given in this Section and engineering, work practice or other means of exposure reduction are not adequate, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.

#### VENTILATION:

The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated.

---

## SECTION 4 FIRE & EXPLOSION HAZARD

---

**FLASHPOINT:** 104 Deg F. **METHOD:** TCC **NOTE:** Minimum

**FLAMMABLE LIMITS:** LEL: 0.7 UEL: 5.6 @ 77 Deg. F **NOTE:** Approximate

**AUTOIGNITION TEMPERATURE:** 689 Deg. F. **NOTE:** Approximate

---

#### GENERAL HAZARD:

Combustible Liquid, can form combustible mixtures at temperatures at or above the flashpoint.

Static Discharge. material can accumulate static charges which can cause an incendiary electrical discharge.

"Empty" containers retain product residue (liquid and/or vapor) and can be dangerous.

Do not PRESSURIZE, CUT, WELD, BRAZE SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

# Material Safety Data Sheet

Dysol Inc.  
2901 Shamrock Avenue  
Fort Worth, Texas 76107  
(817) 335-1826

Page: 3

## DS-800 SOLVENT

Date Prepared: 03/08/2006

No: 80008001

---

Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

---

### FIRE FIGHTING:

Use water spray to cool fire exposed surfaces and to protect personnel.  
Isolate "fuel" supply from fire.  
Use foam, dry chemical, or water spray to extinguish fire.  
Avoid spraying water directly into containers due to danger of boilover.  
This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distances along the ground or surface to ignition sources where they ignite or explode.

---

HAZARDOUS COMBUSTION PRODUCTS: No unusual

---

## SECTION 5 SPILL CONTROL PROCEDURE

---

### LAND SPILL:

Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard. For small spills implement cleanup procedures; for large spills implement cleanup procedures and, if in public areas, keep public away and advise authorities. Also, if this product is subject to CERCLA reporting (see Section 7) notify the National Response Center.  
Prevent liquid from entering sewers, watercourses, or low areas. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust.  
Recover by pumping (use explosion proof or hand pump) or with suitable absorbent.  
Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

---

### WATER SPILL:

Remove from surface by skimming or with suitable absorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable disbursements may be used in non-confined waters.  
Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

# Material Safety Data Sheet

Dysol Inc.  
2901 Shamrock Avenue  
Fort Worth, Texas 76107  
(817) 335-1826

Page: 4

## DS-800 SOLVENT

Date Prepared: 03/08/2006

No: 80008001

### SECTION 6 NOTES

#### HAZARD RATING SYSTEMS:

This information is for people trained in:  
National Paint & Coatings Association's (NPCA)  
Hazardous Materials Identification System (HMIS)  
National Fire Protection Association (NFPA 704)  
Identification of the Fire Hazards of Materials

	<u>NPCA-HMIS</u>	<u>NFPA 704</u>	<u>KEY</u>
Health	1	1	4 = Severe
FLAMMABILITY	2	2	3 = Serious
REACTIVITY	0	0	2 = Moderate
			1 = Slight
			0 = Minimal

### SECTION 7 REGULATORY INFORMATION

#### DEPARTMENT OF TRANSPORTATION (DOT):

DOT PROPER SHIPPING NAME: PETROLEUM DISTILLATES, N.O.S.  
DOT HAZARD CLASS: Combustible Liquid  
DOT IDENTIFICATION NUMBER: UN 1268

Note: In containers of 119 gallons capacity or less this product is not regulated by DOT.

FLASHPOINT: 104 Deg. F. Method: TCC Note: Minimum

TSCA: This product is listed in the TSCA Inventory at CAS Registry Number 64742-48-9

#### CERCLA:

If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). We recommend you contact local authorities to determine if there may be other local reporting requirements.

#### SARA TITLE III:

Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the following hazard categories:  
Fire

### SECTION 8 TYPICAL PHYSICAL & CHEMICAL PROPERTIES

SPECIFIC GRAVITY: 0.75 at 60	VAPOR PRESSURE, mmHg at °F : 1.73 at 68 approximate
SOLUBILITY IN WATER, WT. % AT °F : Less than 0.01 at 77	VISCOSITY OF LIQUID, CST at °F : 1.5 at 77 approximate
SP. GRAV. OF VAPOR, at 1 ATM (air=1) : 4.03	FREEZING/MELTING POINT, °F : -71 (Pour Point)
EVAPORATION RATE, (n-Butyl Acetate=1) : 0.2 approximate	BOILING POINT, °F : 325 to 349 approximate

# Material Safety Data Sheet

Dysol Inc.  
2901 Shamrock Avenue  
Fort Worth, Texas 76107  
(817) 335-1826

Page: 5

## DS-800 SOLVENT

Date Prepared: 03/08/2006

No: 80008001

### SECTION 9 REACTIVITY DATA

#### STABILITY:

Stable

#### HAZARDOUS POLYMERIZATION:

Will not occur

#### CONDITIONS TO AVOID INSTABILITY:

Not applicable

#### MATERIALS AND CONDITIONS TO AVOID INCOMPATIBILITY:

Strong oxidizing agents.

#### HAZARDOUS DECOMPOSITION PRODUCTS:

None

### SECTION 10 STORAGE AND HANDLING

#### ELECTROSTATIC ACCUMULATION HAZARD:

Yes, use proper grounding procedure

#### STORAGE TEMPERATURE, °F :

Ambient

#### LOADING/UNLOADING TEMPERATURE, °F :

Ambient

#### STORAGE/TRANSPORT PRESSURE, mmHg :

Atmospheric

#### VISC. at LOADING/UNLOADING TEMP., cST :

2

### REVISION SUMMARY: COMPANY NAME & ADDRESS CHANGE

#### DATE PREPARED:

March 8, 2006

#### SUPERSEDES ISSUE DATE:

March 22, 1996

FOR ADDITIONAL PRODUCT INFORMATION, CONTACT DYSOL INC. AT 817 335-1826

THIS INFORMATION RELATES TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION IS TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE AND RELIABLE AS OF THE DATE COMPILED. HOWEVER, NO REPRESENTATION, WARRANTY OR GUARANTEE IS MADE TO ITS ACCURACY, RELIABILITY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE SUITABILITY AND COMPLETENESS OF SUCH INFORMATION FOR HIS OWN PARTICULAR USE. WE DO NOT ACCEPT LIABILITY FOR ANY LOSS OR DAMAGE THAT MAY OCCUR FROM THE USE OF THIS INFORMATION NOR DO WE OFFER WARRANTY AGAINST PATENT INFRINGEMENT