



The MSDS format adheres to the standards and regulatory requirements of the United States and may not meet regulatory requirements in other countries.

DuPont
Material Safety Data Sheet

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DuPont(tm) Teflon(tm) Chain-Saver Dry Self-Cleaning Lubricant -
Aerosol
6631CR Revised 8-APR-2008

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification

"Teflon" is a registered trademark of DuPont.

Company Identification

MANUFACTURER/DISTRIBUTOR

DuPont
1007 Market Street
Wilmington, DE 19898

PHONE NUMBERS

Product Information : 1-800-441-7515 (outside the U.S.
302-774-1000)
Transport Emergency : CHEMTREC 1-800-424-9300(outside U.S.
703-527-3887)
Medical Emergency : 1-800-441-3637 (outside the U.S.
302-774-1000)

COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material	CAS Number	%
Solvent, Naptha which may also contain the following:	64742-89-8	35-70
Heptane	142-82-5	
* Cyclohexane	110-82-7	
Propane	74-98-6	5-10
Butane	106-97-8	5-10
Proprietary Additives which may include:		10-20
Paraffin Wax	64742-43-4	
Calcium Stearate	1592-23-0	
Petroleum Distillates	64742-52-5	
DuPont "Teflon" Polytetrafluoroethylene		0.05-2.5

* Disclosure as a toxic chemical is required under Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

HAZARDS IDENTIFICATION

Potential Health Effects

Skin contact may cause irritation with itching, burning, redness, swelling, rash, or blister formation, especially with prolonged or repeated contact. Solvent Naphtha has been infrequently associated with skin sensitization in humans. Frostbite may occur from skin contact with liquid propane and isobutane.

Eye contact may cause eye irritation with discomfort, tearing, pain or blurring of vision.

Inhalation may cause irritation of the nose and throat with sneezing, sore throat or runny nose. Inhalation or ingestion may cause nonspecific effects such as headache, nausea, and weakness.

Higher or prolonged exposures may cause central nervous system depression with dizziness, confusion, incoordination, drowsiness or unconsciousness; eye irritation with tearing, pain, or blurred vision; temporary alteration of the heart's electrical activity with irregular pulse, palpitations, or inadequate circulation, or pulmonary edema (body fluid in the lungs) with cough, wheezing, abnormal lung sounds, possibly progressing to severe shortness of breath and bluish discoloration of the skin. Symptoms may be delayed.

Inhaling concentrated vapors intentionally or otherwise can cause organ damage or can be fatal. Fatal if swallowed.

The major ingestion hazard is aspiration (liquid entering the lungs during ingestion or vomiting) which may result in "chemical pneumonia". Symptoms include coughing, gasping, choking, shortness of breath, bluish discoloration of the skin, rapid breathing and heart rate, and fever. Pulmonary edema or bleeding, drowsiness, confusion, coma and seizures may occur in more serious cases. Symptoms may develop immediately or as late as 24 hours after exposure, depending on how much chemical entered the lungs.

Inhalation of fluorine compounds released as decomposition products above 290 degC (554 degF) may cause lung irritation and pulmonary edema which require medical treatment. Inhalation of fumes or smoke from overheated or burning grease may cause polymer fume fever, a temporary flu-like illness accompanied by fever, chills, and sometimes cough, of approximately 24 hours duration. Repeated episodes of polymer fume fever may cause lung damage.

(HAZARDS IDENTIFICATION - Continued)

Carcinogenicity Information

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

FIRST AID MEASURES

First Aid

INHALATION

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

SKIN CONTACT

In case of contact, immediately wash skin with soap and water. Wash contaminated clothing before reuse.

EYE CONTACT

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

INGESTION

If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

Notes to Physicians

Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances. Activated charcoal may be given but should be used with caution since it may induce vomiting.

Activated charcoal mixture may be beneficial. Suspend 50 g activated charcoal in 400 mL water and mix well. Administer 5 mL/kg, or 350 mL for an average adult.

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should only be used with special caution in situations of emergency life support.

FIRE FIGHTING MEASURES

Flammable Properties

Flash Point : 0 F (-18 C)

Extremely flammable.

The product decomposes at temperatures greater than 290 degC. Toxic fumes may be released from decomposition or combustion. Exposure to direct sunlight or other heat may cause containers to burst.

Extinguishing Media

Water Spray, Foam, Dry Chemical, CO2.

Fire Fighting Instructions

Wear self-contained breathing apparatus (SCBA) and full protective equipment.

ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Ventilate spill area. Eliminate all sources of ignition - heat, sparks, flame, electricity, impact and friction.

Initial Containment

Dike spill.

Spill Clean Up

Soak up with sand, oil dry, or other noncombustible absorbent materials.

HANDLING AND STORAGE

Handling (Personnel)

Avoid inhalation. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling. Wash clothing after use.

Handling (Physical Aspects)

Keep away from heat, sparks and flames. Do NOT puncture.

(HANDLING AND STORAGE - Continued)

Storage

Keep away from heat, sparks and flames. Store in a well ventilated place. Store below 120 F (49 C). Do NOT expose to direct sunlight.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Use only with adequate ventilation.

Do NOT spray near open flames.

Personal Protective Equipment

EYE/FACE PROTECTION

Wear safety glasses or coverall chemical splash goggles.

RESPIRATORS

Wear NIOSH approved respiratory protection, as appropriate.

PROTECTIVE CLOTHING

Where there is potential for skin contact have available and wear as appropriate impervious gloves, apron, pants, and jacket.

Exposure Guidelines

Applicable Exposure Limits

Heptane

PEL (OSHA)	: 500 ppm, 2000 mg/m3, 8 Hr. TWA
TLV (ACGIH)	: 400 ppm, 1,640 mg/m3, 8 Hr. TWA
	STEL 500 ppm, 2,050 mg/m3
AEL * (DuPont)	: None Established

Cyclohexane

PEL (OSHA)	: 300 ppm, 1,050 mg/m3, 8 Hr. TWA
TLV (ACGIH)	: 100 ppm, 8 Hr. TWA
AEL * (DuPont)	: 300 ppm, 8 & 12 Hr. TWA

Propane

PEL (OSHA)	: 1,000 ppm, 1,800 mg/m3, 8 Hr. TWA
AEL * (DuPont)	: None Established

Butane

PEL (OSHA)	: None Established
AEL * (DuPont)	: None Established

Paraffin Wax

(Applicable Exposure Limits - Continued)

PEL (OSHA)	: None Established
TLV (ACGIH)	: 2 mg/m3, fume, 8 Hr. TWA
AEL * (DuPont)	: None Established
Calcium Stearate	
PEL (OSHA)	: None Established
TLV (ACGIH)	: 10 mg/m3, total dust, 8 Hr. TWA

A4

* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Boiling Point	: 92-100 C (198-212 F)
Vapor Pressure	: 40 mm Hg @ 20 degC
Vapor Density	: 3.5 (Air=1.0)
Melting Point	: 120-165 F (49-74 C)
% Volatiles	: 86 %
Volatile Organic Content:	85.9 % (584.5 g/L)
Solubility in Water	: Nil
Odor	: Petroleum Hydrocarbon, Mild.
Color	: White.
Form	: Liquid Dispersion.
Density	: 0.6805 g/cm3

STABILITY AND REACTIVITY

Chemical Stability

Stable at normal temperatures and storage conditions.

Incompatibility with Other Materials

None reasonably foreseeable.

Decomposition

Decomposition will not occur if handled and stored properly.

Decomposition temperature: 290 C (554 F)

Polymerization

Polymerization will not occur.

DISPOSAL CONSIDERATIONS

Waste Disposal

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

TRANSPORTATION INFORMATION

Shipping Information

DOT (Applies to all aerosols less than 34 fl. oz.)

Proper Shipping Name : Consumer Commodity
Hazard Class : ORM-D
UN Number : N/A
Packing Group : N/A
Label : N/A

IATA (Applies to all aerosols less than 17 fl. oz.)

Proper Shipping Name : Aerosol, Flammable
Hazard Class : 2.1
UN Number : 1950
Packing Group : N/A
Label : Flammable Gas
Special Instructions : Limited Quantity

IMDG (Applies to all aerosols less than 33 fl. oz.)

Proper Shipping Name : Aerosol
Hazard Class : 2.1
UN Number : 1950
Packing Group : N/A
Label : Flammable Gas
Special Instructions : Limited Quantity

REGULATORY INFORMATION

U.S. Federal Regulations

TSCA Inventory Status : Listed.

TITLE III HAZARD CLASSIFICATIONS SECTIONS 311, 312

Acute : Yes
Chronic : No
Fire : Yes
Reactivity : No
Pressure : No

OTHER INFORMATION

NFPA, NPCA-HMIS

NPCA-HMIS Rating

Health	: 2
Flammability	: 3
Reactivity	: 0

Personal Protection rating to be supplied by user depending on use conditions.

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsible for MSDS : MSDS Coordinator
> : DuPont Chemical Solutions Enterprise
Address : Wilmington, DE 19898
Telephone : (800) 441-7515

Indicates updated section.

This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.

End of MSDS