



Leading in Cleaning Since 1898

# Difficult Stains Premium

## Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name : Difficult Stains Premium

Product code : 1013R, 1116R, 1118R

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Spot cleaning of apparel and textiles

Use advised against : None identified

#### 1.3. Details of the supplier of the safety data sheet

Albatross USA Inc.  
36-41 36th Street  
Long Island City, NY 11106

Tel: 718-392-6272

#### 1.4. Emergency telephone number

Emergency number : Spill, leak, fire, exposure of accident – Call CHEMTREC – Day or Night  
1 800-424-9300 or 1 703-527-3887 (USA & Canada)  
01-800-681-9531 (Mexico)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification

Aspiration Hazard, Category 1

Skin Corrosion/Irritation, Category 2

Eye Damage/Irritation, Category 2A

Acute Toxicity- Inhalation, Category 4

Specific Target Organ Toxicity (Single Toxicity), Category 3

#### 2.2. Label elements

##### Labelling

Hazard pictograms :



Signal word : Danger

Hazard statements : Harmful if inhaled  
Causes skin irritation  
Causes serious eye irritation  
May cause drowsiness or dizziness  
May be fatal if swallowed and enters airways

Precautionary statements : Avoid breathing fume/mist/vapors/spray.  
Use only outdoors or in a well-ventilated area.  
Wash hands thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.  
If on skin: Wash with plenty of water/water and soap.  
If skin irritation occurs: Get medical advice/attention.  
Take off contaminated clothing and wash it before reuse.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present

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and easy to do. Continue rinsing.  
If eye irritation persists: get medical advice/attention.  
If inhaled: Remove person to fresh air and keep comfortable for breathing.  
Call a poison center/doctor/.../if you feel unwell.  
If swallowed: Immediately call a poison center/doctor.  
Do NOT induce vomiting.  
Store in a well-ventilated place. Keep container tightly closed.  
Store locked up.  
Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards

Other hazards which do not result in classification : No other hazards are known. Spills of this product present a serious slipping hazard.

### 2.4. Unknown acute toxicity

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixture

Name	Product identifier	%
Naphtha (petroleum), light alkylate	(CAS No) 64741-66-8	40 - 50
Naphtha (petroleum), hydrotreated heavy	(CAS No) 64742-48-9	20 - 30
Ethene, 1,2-dichloro-, (1E)-	(CAS No) 156-60-5	30 - 40
Ethane, 1,1,2,2-tetrafluoro-1-(2,2,2-trifluoroethoxy)-	(CAS No) 406-78-0	3 - 10

The specific chemical component identities and/or the exact component percentages of this material may be withheld as trade secrets.

This information is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions of 29 CFR 1910.1200 (I)(1).

Trace ingredients (if any) are present in < 1% concentration, (< 0.1% for potential carcinogens, mutagen, and reproductive toxicant, respiratory tract and skin sensitizers in addition to oral/inhalation acute toxicant in category 1 and 2). None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures, general : Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration. Consult a physician.  
First-aid measures after skin contact : Rinse skin with plenty of water. Wash skin with water and soap. Seek medical advice if irritation persists.  
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice/attention.  
First-aid measures after ingestion : If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. Obtain emergency medical attention. Call a POISON CENTER or doctor/physician.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after eye contact : Exposure to high concentration of vapors or direct contact with eyes causes serious eye irritation. Symptoms include stinging, watering, redness, and swelling.  
Symptoms/injuries after inhalation : Inhaling a high concentration of vapor may cause damage to the central nervous system.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Use fire-extinguishing media appropriate for surrounding materials. Foam. Dry powder. Carbon dioxide. Water spray. Sand.

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Unsuitable extinguishing media : Avoid using stream water on burning liquid as it may scatter the flame.

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protective equipment for firefighters : Do not enter fire area without proper protective equipment, including respiratory protection.

Other information : Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid contact with skin and eyes. Evacuate personnel to safe areas. Danger of slipping by leaking/spilling product. Wear personal protective equipments as appropriate.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Discharge into the environment must be avoided.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect all waste in suitable and labelled containers and dispose according to local legislation. Store away from other materials. Ensure all national/local regulations are observed.

### 6.4. Reference to other sections

Refer to section 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Read label before use. Obtain special instructions before use. Obtain special instructions before use. Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool well-ventilated place. Keep container tightly closed when not in use. Containers that are opened must be carefully resealed and kept upright to prevent leakage. Keep away from incompatible materials. Do not store at temperature above 120 °F (50 °C).

Incompatible materials : Strong oxidizing agents.

Incompatible condition : Avoid sources of ignition, heat and open flames.

### 7.3. Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

1,2-trans-Dichloroethylene (156-60-5)		
ACGIH	ACGIH TWA (ppm)	200 ppm
ACGIH	Remark	CNC impairment, eye irritation

### 8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station. Eyewash fountains are suggested near any potential exposure. Use process enclosure, local exhaust ventilation or other engineering controls to keep workers exposure to the airborne contaminant below ant recommended limits.

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Personal protective equipment : Handle in accordance with good industrial hygiene and safety practices. Avoid all unnecessary exposure. For certain operations, additional Personal Protection Equipment (PPE) may be required.

Protective goggles. Gloves. Insufficient ventilation: wear respiratory protection.



Hand protection : In case of repeated or prolonged contact wear gloves.

Eye protection : Wear goggles if splashing or spraying is anticipated.

Skin and body protection : In case of repeated or prolonged exposure : Personal protective clothing should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling.

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

Other information : Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear
Color	: Colorless
Odor	: No data available
Odor threshold	: No data available
pH	: Not applicable
Relative evaporation rate (butyl acetate=1)	: Not applicable
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: 118 - 355 °F (48 -179 °C) estimated
Flash point	: > 200 °F (93.3 °C) closed cup
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 0.907 (water=1)
Solubility	: Negligible
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Not applicable

### 9.2. Other information

VOC's	: 0.00% (v/v); 0.0 g/l (0.0 lbs/gal)
Total VOC's	: 100.0% (v/v); 860.0 g/l (7.255 lbs/gal)
Non-exempt VOC's	: 97.0% (v/v); 827.0 g/l (6.89 lbs/gal)

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

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### 10.2. Chemical stability

The product is stable at normal handling and storage condition

### 10.3. Possibility of hazardous reactions

Under normal condition of use and storage, hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Exposure to high temperature may produce hazardous decomposition material.

### 10.5. Incompatible materials

Strong oxidizing agents.

### 10.6. Hazardous decomposition products

Thermal decomposition products: Carbon oxides, Hydrogen chloride gas, Hydrogen fluoride gas.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Harmful if inhaled

1,2-trans-Dichloroethylene (156-60-5)	
LD50 oral rat	> 5,000 mg/kg
LD50 derman rabbit	> 5,000 mg/kg
LC50 inhalation (mg/l) - ATE	1.5 mg/l (mist)

ATE (inhalation-mist) : ca 3.75 – 4.0 mg/l (estimated)

Skin corrosion/irritation : Causes skin irritation

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified  
(Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified  
(No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, NTP or OSHA)

Reproductive toxicity : Not classified  
(Based on available data, the classification criteria are not met)

Specific target organ toxicity (single exposure) : May cause drowsiness or dizziness

Specific target organ toxicity (repeated exposure) : Not classified  
(Based on available data, the classification criteria are not met)

Aspiration hazard : May be fatal if swallowed and enters airways

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is toxic to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

No additional information available

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### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Effect on ozone layer : No additional information available

Effect on the global warming : No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to comply with applicable local, national and international regulations.

Waste treatment methods : Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with DOT

Non-bulk containers only:

Not DOT regulated for domestic transportation in containers with the capacity less than 119 gallons (450 liters)

ADR

Not regulated

Transport by sea (IMDG)

Not regulated

Air transport (IATA/ ICAO)

Not regulated

Albatross does not recommend shipping any chemical products by air.

Bulk containers only:

Transport document description

UN-No.(DOT)

: UN3082 Environmentally hazardous substances, liquid, n.o.s. Naphtha (petroleum), 9, III

Proper Shipping Name (DOT)

: UN3082

: Environmentally hazardous substances, liquid, n.o.s.

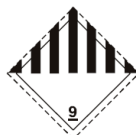
Transport hazard class(es)

Naphtha (petroleum),

(DOT) Hazard labels (DOT)

: 9 - Class 9 - Miscellaneous hazardous material 49 CFR 173.140

: 9 - Class 9 (Miscellaneous dangerous materials)



DOT Symbols

Packing group (DOT)

: G - Identifies PSN requiring a technical name

: III - Minor Danger

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- DOT Special Provisions (49 CFR 172.102) : 8 - A hazardous substance that is not a hazardous waste may be shipped under the shipping description "Other regulated substances, liquid or solid, n.o.s.", as appropriate. In addition, for solid materials, special provision B54 applies  
146 - This description may be used for a material that poses a hazard to the environment but does not meet the definition for a hazardous waste or a hazardous substance, as defined in 171.8 of this subchapter, or any hazard class as defined in Part 173 of this subchapter, if it is designated as environmentally hazardous by the Competent Authority of the country of origin, transit or destination.  
173 - An appropriate generic entry may be used for this material.  
335 - Mixtures of solids that are not subject to this subchapter and environmentally hazardous liquids or solids may be classified as "Environmentally hazardous substances, solid, n.o.s.," UN3077 and may be transported under this entry, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Each transport unit must be leakproof when used as bulk packaging  
IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).  
T4 - 2.65 178.274(d)(2) Normal ..... 178.275(d)(3)  
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling =  $97 / (1 + a (tr - tf))$  Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.  
TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.
- DOT Packaging Exceptions (49 CFR 173.xxx) : 155  
DOT Packaging Non Bulk (49 CFR 173.xxx) : 203  
DOT Packaging Bulk (49 CFR 173.xxx) : 241  
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : No limit  
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : No limit
- DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

### Additional information

Other information : No supplementary information available.

### Transport by sea (IMDG)

Transport document description : UN 3082 Environmentally hazardous substance, liquid, n.o.s. Naphtha (petroleum), 9, III  
UN-No. : UN 3082  
Proper Shipping Name : Environmentally hazardous substance, liquid, n.o.s.  
Class : 9 - Class 9 – Environmentally hazardous substance  
Packaging group : III  
Technical name : Naphtha (petroleum)

### Air transport (IATA/ ICAO)

Transport document description : UN 3082 Environmentally hazardous substance, liquid, n.o.s. Naphtha (petroleum), 9, III  
UN-No. : UN3082  
Proper Shipping Name : Environmentally hazardous substance, liquid, n.o.s.  
Class : 9- Class 9 – Environmentally hazardous substance  
Packaging group : III  
Technical name : Naphtha (petroleum)

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

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This product or mixture contain a toxic chemical or chemicals in excess of the applicable concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

<b>1,2-trans-Dichloroethylene (156-60-5)</b>	
RQ (Reportable quantity, section 304 of EPA's List of Lists)	1000 lb (454 kg) listed under 1,2-DiChloroethylene

### 15.2. International regulations

No additional information available

### 15.3. US State regulations

California Proposition 65 - NOTE: This product has NOT evaluated against the latest requirements of the California Proposition 65 to meet the safe harbor warning requirements introduced by The office of Environmental Health Hazards Assessment (OEHHA), during its OSHA hazards classification evaluation.

<b>1,2-trans-Dichloroethylene (156-60-5)</b>	
Massachusetts RTK	
Pennsylvania Worker and Community RTK	

## SECTION 16: Other information

Indication of changes : Not applicable  
Revision date : Not applicable

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*