

# SAFETY DATA SHEET

Flattener

## 1 – IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING

PRODUCT NAME: **Randolph Flattener**  
PRODUCT NUMBER: 20-FT

SUPPLIER: Consolidated Aircraft Coatings  
P.O. Box 3129, Riverside, CA 92519, USA  
4343 Fort Drive, Riverside, CA 92509, USA  
(951) 684-4280  
(951) 809-7144  
(760) 782-1947

EMERGENCY TELEPHONE: (800) 424-9300 (Chemtrec- US)  
(703) 527-3887 (International – Call Collect)

## 2 - HAZARDS IDENTIFICATION

### GHS Hazard Category

Flammable liquid- Category 2  
Eye Irritation - Category 2A  
Skin Irritation- Category 2  
Respiratory Irritation- Category 3  
Specific target organ toxicity (single exposure) – Category 3, Central Nervous System H336

### Label Elements

#### Pictograms



#### Signal Word

**DANGER**

#### Hazard Statements

**⚠ WARNING:** This product can expose you to chemicals including Ethylbenzene, which is known to the State of California to cause. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Highly flammable. Irritating to eyes and skin

May cause drowsiness or dizziness

Harmful: danger of serious damage to health by prolonged exposure through inhalation

Possible risk of harm to the unborn child

Harmful: may cause lung damage if swallowed

#### Precautionary Statements

#### Prevention

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Store in a well-ventilated place. Keep container tightly closed. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe mist/vapors/spray. Use only outdoors or in a well-ventilated area. Vapors may cause drowsiness and dizziness.

**Response****INHALATION:**

Move the victim to a fresh air place immediately. Get medical attention if discomforts persist.

**INGESTION:**

Rinse mouth with clean water immediately. DO NOT induce vomiting. Get medical attention immediately. If vomiting occurs, keep the victim's head low so that vomits from the stomach will not enter the lungs.

**SKIN CONTACT:**

Remove contaminated clothing and flush the affected skin areas with clean water for at least 15 minutes. Get medical attention if discomforts persist.

**EYES CONTACT:**

Make sure all contact lenses are removed before flushing the eyes with eye lids open with clean water for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

**Storage**

Store in a well-ventilated Place. Keep container tightly closed. Keep cool. Store in a locked cabinet, cage or room.

**Disposal**

Dispose of contents and container in accordance with all local, regional, national and international regulations.

CLASSIFICATION (1999/45) XI, XN, F, R11, R20/21, R36/37, R36/38, R66, R67

This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Highly flammable. Irritating to eyes and skin. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Possible risk of harm to the unborn child. Harmful: may cause lung damage if swallowed. Vapors may cause drowsiness and dizziness.

CLASSIFICATION (1999/45) XN, N, R10, R20/21

**3 – COMPOSITION /INFORMATION ON INGREDIENTS**

Name	EC No.	CAS No.	Content %	Classification (67/548/EEC)
Silica, amorphous	231-545-4	7631-86-9	10-20%	Not classified
Naphtha, petroleum, hydrodesulfurized heavy	232-366-4	64742-82-1	10-20%	Xn, T, F, N, R12, R65, R45, R67, R62, R51/53, R48/20, R38, R11, R50/53, S62, S45, S53, S61, S36/37, S60, S16, S33, S29, S9
Stoddard Solvent	232-489-3	8052-41-3	10-20%	Xn, N, R10, R51/53, R65, R66, S16, S23, S24, S36, S60, S62
Petroleum distillates, hydrotreated light	265-149-8	64742-47-8	10-20%	Xn, N, R38, R65, R51/53, S2, S23, S24, S51, S61, S62
Xylene	215-535-7	1330-20-7	0-10%	XN, R10, R20/21, R36/38, S25
Ethyl Benzene	202-849-4	100-41-4	0-10%	XN, R10, R20/21, R36/38, S25

The Full Text for all R-Phrases and S-Phrases is displayed in Section 15

**COMPOSITION COMMENTS**

The data shown are in accordance with the latest EC Directives.

**4- FIRST AID MEASURES****NOTICE:**

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** Breathing vapor may irritate the nose and throat. Central nervous system effects including excitation, euphoria, contracted eye pupil dizziness, blurred vision, fatigue, nausea, headache, loss of consciousness, respiratory arrest and sudden death could occur of long term and/or high concentration exposures to vapors.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Contact with the skin or eyes may cause irritation. Prolonged or repeated contact can cause moderate irritation, defatting and/or dermatitis.

Skin and eyes should be flushed with water for at least 15 minutes.

**INGESTION HEALTH RISK AND SYMPTOMS OF EXPOSURE:** Preexisting eye, skin, heart, central nervous system and respiratory disorders may be aggravated by exposure to this product.

HEALTH HAZARDS (ACUTE AND CHRONIC): Overexposure may cause anesthesia, headache, nausea or dizziness. Breathing the vapors may irritate the nose and throat. Detectable amounts of chemicals or substances known to the state of California to cause cancer, birth defects, or other reproductive harm may be found in this product. Use care when handling chemical and petroleum products even though they are water reducible.

CARCINOGENICITY: NTP      CARCINOGEN: N/A      IARC MONOGRAPHS: N/A      OSHA REGULATED: N/A

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE TO THIS PRODUCT: Preexisting eye, skin, heart, central nervous system and respiratory disorders may be aggravated by exposure to this product.

EMERGENCY AND FIRST AID PROCEDURES: Remove victim to fresh air and restore breathing if required. Call a physician if required. If breathing stops give artificial respiration. Keep person warm. Never give anything by mouth to an unconscious person. Do not induce vomiting. If spontaneous vomiting occurs, keep head below hips to prevent aspiration of liquid into the lungs.

## 5- FIRE FIGHTING PROCEDURES

### EXTINGUISHING MEDIA:

CO2, Dry Chemical, Water Fog

### SPECIAL FIREFIGHTING PROCEDURES:

Do not use a direct stream of water. Product may float and can be re-ignited on the surface of the water. Do not enter a confined area without full bunker gear including a positive pressure NIOSH approved self-contained breathing apparatus. Decomposition products may form toxic materials.

### UNUSUAL FIRE AND EXPLOSION HAZARDS:

Never use welding or cutting torch on or near drum (even empty) because residue or product can ignite explosively. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by pilot lights, flames and other ignition sources at locations distant from the material handling point. Flammable material.

### SENSITIVITY TO STATIC DISCHARGE:

Material may accumulate a static charge that could act as an ignition source. Precautions should be taken when pouring to minimize splash/free fall.

## 6-ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS:

Wear protective clothing as described in Section 8.

### ENVIRONMENTAL PRECAUTIONS:

Spillages or uncontrolled discharges into watercourses must immediately be alerted to Environmental Agency or other appropriate regulatory authority.

### SPILL CLEANUP METHODS:

Keep combustibles away from spilled material. Extinguish all ignition sources. Avoid sparks, open flames, and smoking. Ventilate. Absorb in vermiculite, dry sand, or earth and place into containers for disposal.

## 7-HANDLING AND STORAGE

### USAGE PRECAUTIONS:

Keep away from heat, sparks and open flames. Avoid spilling, skin and eyes contact. Use with adequate ventilation and avoid excessive exposure to solvent vapors. Use approved respirator if air contamination exceeds the accepted level.

### STORAGE PRECAUTIONS:

FLAMMABLE/Combustible. Keep away from oxidizers, open flames and other ignition sources. Keep unused contents in original container and tightly closed lids. Store in a cool, dry and well-ventilated place and at an ambient Temperature not to exceeding above 120°F.

### STORAGE CLASS:

FLAMMABLE liquid storage.

## 8-EXPOSURE CONTROL/PERSONAL PROTECTION

Name	Workplace Exposure Limits	Remarks
Silica, amorphous	ACGIH: 10 mg/m3 TWA NIOSH: None listed OSHA: 6 mg/m3 TWA	Consult local authorities for acceptable exposure limits
Naphtha, petroleum, hydrodesulfurized heavy	ACGIH: 200 mg/m3 TWA NIOSH: 100 mg/m3 TWA OSHA: None listed	Same As Above
Stoddard Solvent	ACGIH: 100 ppm TWA	Same As Above

	NIOSH: 350 mg/m3 TWA OSHA: 500 ppm TWA	
Petroleum distillates, hydrotreated light	ACGIH: 200 mg/m3 TWA NIOSH: None listed OSHA: None listed	Same As Above
Xylene	ACGIH: 100 ppm TWA; 150 ppm STEL NIOSH: None listed OSHA-Final PELs: 100 ppm TWA; 435 mg/m3 TWA	Same As Above
Ethyl Benzene	ACGIH: 100 ppm TWA; 125 ppm STEL NIOSH: 100 ppm TWA; 435 mg/m3 TWA 800 ppm IDLH (10% LEL) OSHA-Final PELs: 100 ppm TWA; 435 mg/m3 TWA	Same As Above



PROTECTIVE EQUIPMENTS:  
PROCESS CONDITIONS:  
ENGINEERING MEASURES:

RESPIRATORY EQUIPMENT:  
HANDPROTECTION:  
EYE PROTECTION:  
OTHER PROTECTION:  
HYGIENE MEASURES:

Provide eyewash station.  
Provide adequate ventilation. Fully equipped spray booth is recommended to ensure the workers legal exposure limits are not exceeded.  
Wear respirator with appropriate cartridge for organic solvents and chemicals.  
Wear approved gloves such as Neoprene, Nitrile or Rubber types.  
Wear splash-proof goggles.  
Wear appropriate clothing to prevent any possible skin contact.  
DO NOT SMOKE IN THE WORK AREA. Wash at the end of each work shift and before eating, drinking or smoking. Promptly remove contaminated clothing.

## 9- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Translucent Liquid
COLOR:	Milky
ODOR:	Aromatic Hydrocarbon
BOILING POINT:	280-288° F
RELATIVE DENSITY:	1.06 g/mL
VAPOR DENSITY:	Heavier than air
FLASH POINT:	80 °F (27° C) (Closed Cup)
FLAMMABILITY LIMITS:	LOWER: 1.0%      UPPER: 7.0%
SOLUBILITY VALUE (g/100g H <sub>2</sub> O @ 20°C):	Insoluble
VOLATILE ORGANIC COMPOUND (VOC):	581 g/L

## 10- STABILITY AND REACTIVITY

STABILITY:  
Stable

CONDITIONS TO AVOID:  
Heat and fires, ignition sources

INCOMPATIBILITY (MATERIALS TO AVOID):  
Strong alkalines or strong oxidizers. This material may dissolve some plastics, rubber compounds or coatings. May react strong with acids while in liquid form.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:  
Hydrogen chloride and very small amounts of phosgene and chlorine.

HAZARDOUS POLYMERIZATION:  
N/A

## 11-TOXICOLOGICAL INFORMATION

**Silica, amorphous (CAS#7631-86-9):** Routes of Entry: Inhalation. Ingestion. Toxicity to Animals: Acute oral toxicity (LD50): >10000 mg/kg [Rat]. Acute dermal toxicity (LD50): >5000 mg/kg [Rabbit]. Chronic Effects on Humans: CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. May cause damage to the following organs: lungs, upper respiratory tract. Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation. Special Remarks on Toxicity to Animals: Not available. Special Remarks on Chronic Effects on Humans: Not available. Special Remarks on other Toxic Effects on Humans: Acute Potential Health Effects: Skin: May cause drying of the skin. Eyes: Dust may cause irritation. Inhalation: May cause respiratory tract irritation and drying of the mucous membranes. May affect lungs and respiration. Ingestion: Low hazard expected for normal industrial handling and use

**Naphtha, petroleum, hydrodesulfurized heavy (CAS#64742-82-1):** Acute toxicity LD50 Oral - Rabbit - 2,835 mg/kg .  
Remarks: Behavioral:Muscle weakness. Lungs, Thorax, or Respiration:Respiratory stimulation. Endocrine:Hypoglycemia. Inhalation: No data available Dermal: No data available. Skin corrosion/irritation Skin - Rabbit Result: Irritating to skin. - 24 h (Draize Test) Serious eye damage/eye irritation: No data available. Respiratory or skin sensitization: No data available. Germ cell mutagenicity: No data available.  
**Carcinogenicity** IARC: 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: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. **Reproductive toxicity:** No data available No data available Specific target organ toxicity - single exposure Inhalation - May cause drowsiness or dizziness. - Central nervous system Specific target organ toxicity - repeated exposure No data available Aspiration hazard May be fatal if swallowed and enters airways.

**Stoddard Solvent (CAS#8052-41-3) :** LD50/rabbit/ eye/draize test = 500 mg/24H Moderate; Carcinogenicity: Not listed by ACGIH, IARC, NTP, or CA Prop 65. Epidemiology: Epidemiological studies involving petroleum refinery workers indicate persons with routine exposure to petroleum or one of its constituents may be at an increased risk to the development of benign neoplasms, digestive tract cancer, and skin cancer. Teratogenicity: No information found Reproductive Effects: No information found. Mutagenicity: No information found. Neurotoxicity: No information found

**Petroleum distillates, hydrotreated light (CAS#64742-47-8) : Carcinogenicity:**  
**ACGIH:** A3 - Confirmed animal carcinogen with unknown relevance to humans. **Epidemiology:** No data available.  
**Teratogenicity:** No data available. **Reproductive Effects:** No data available. **Neurotoxicity:** No data available.  
**Mutagenicity:** No data available. **Other Studies:** No data available.

**Xylene (CAS#1330-20-7):** LD50/LC50: Draize test, rabbit, eye: 87 mg Mild; Draize test, rabbit, eye: 5 mg/24H Severe; Draize test, rabbit, skin: 100% Moderate; Draize test, rabbit, skin: 500 mg/24H Moderate; Inhalation, rat: LC50 = 5000 ppm/4H; Oral, mouse: LD50 = 2119 mg/kg; Oral, rat: LD50 = 4300 mg/kg; Skin, rabbit: LD50 = >1700 mg/kg; Carcinogenicity: Not listed by ACGIH, IARC, NTP, or CA Prop 65. Epidemiology: 175 workers were exposed to 21 ppm of xylene for 7 years. Subjective symptoms such as anxiety, forgetfulness, inability to concentrate and dizziness were reported. Xylenes accounted for >70% of the total exposure. Liver & kidney effects were not reported . Teratogenicity: No increased incidence of birth defects was reported in a study of lab workers exposed to xylene during early pregnancy. Exposure to other solvents and chemicals also occurred. An increased incidence of spontaneous abortions was reported. Animal information suggests that xylene is not teratogenic or embryotoxic at exposure levels that are not harmful to the mother. Reproductive Effects: An increase in menstrual disorders has been reported in women exposed to organic solvents such as benzene, toluene, and xylenes. It is not possible to attribute these effects to xylenes in particular. Mutagenicity: Xylene does not appear to be a mutagen. Neurotoxicity: Xylene may be ototoxic (damages hearing or enhances sensitivity to noise) in chronic occupational exposures, probably from a neurotoxic mechanism

**Ethyl Benzene (CAS#100-41-4).** Acute Dermal LD50 Rabbit: 17800 mg/kg, Acute Oral LD50 Rat: 3500 mg/kg. Carcinogenicity: ACGIH- A3 Confirmed animal carcinogen with unknown relevance to humans. IARC Monographs: 2B Possibly carcinogenic to humans. Skin corrosion/irritation: Causes skin irritation. Epidemiology: No epidemiological data is available for this product. Mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. Neurological effects: High vapor/aerosol concentrations (attainable only at elevated temperatures) may cause central nervous system effects such as dizziness, drowsiness or headaches. Central and/or peripheral nervous system damage. Reproductive effects Contains no ingredient listed as toxic to reproduction. Teratogenicity: No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

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## 12- ECOLOGICAL INFORMATION

**Silica, amorphous (CAS # 7631-86-9) :** Ecotoxicity: Not available. BOD5 and COD: Not available. Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic. Special Remarks on the Products of Biodegradation: Not available

**Naphtha, petroleum, hydrodesulfurized, heavy (CAS#64742-82-1) :** Toxicity: No data available. **Persistence and degradability:** No data available. **Bioaccumulative potential:** No data available. **Mobility in soil:** No data available.

**Stoddard Solvent (CAS#8052-41-3) :** Ecotoxicity: No data available. No information available. Environmental: No information available. Physical: No information available.

**Petroleum distillates, hydrotreated light (CAS#64742-47-8) :** No information available.

**Xylene (CAS# 1330-20-7):** Ecotoxicity: Fish: Rainbow trout: LC50 = 13.5 mg/L; 96 Hr; UnspecifiedFish: Goldfish: LD50 = 13 mg/L; 24 Hr; UnspecifiedFish: Fathead Minnow: LC50 = 46 mg/L; 1 Hr; Static bioassay Acute and long-term toxicity to fish and invertebrates: LD50 for goldfish is 13 mg/L/24 Hr.Cas#1330-20-7:LC50(96Hr.) rainbow trout = 8.05 mg/L, Static condition;LC50(96Hr.) fathead minnow = 16.1 mg/L, flow-through conditions; LC50(96Hr.) bluegill = 16.1 mg/L, flow-through;EC50 (48 Hr.) water flea = 3.82 mg/L, flow-through conditions;EC50(24 Hr.) photobacterium phosphoreum = 0.0084 mg/L, Microtox test.

Environmental: In air, xylenes degrade by reacting with photochemically produced hydroxyl radicals. In soil it will volatilize and leach into groundwater. Little bioconcentration is expected.

Physical: ATMOSPHERIC FATE: According to a model of gas/particle partitioning of semivolatile organic compounds in the atmosphere, xylene, which has an experimental vapor pressure of 7.99 mm Hg at 25 deg C, will exist solely as a vapor in the ambient atmosphere. Vapor-phase xylene is degraded in the atmosphere by reaction with photochemically-produced hydroxyl radicals; the atmospheric lifetime of xylene is about 14-26 hours. Ambient levels of xylene are detected in the atmosphere due to large emissions of this compound.

**Ethyl Benzene (CAS#100-41-4):** EC50 Water flea (Daphnia magna): 1.37 mg/l 48.00 hours. LC50 Rainbow trout,donaldson trout (Oncorhynchus mykiss): 4.2 mg/l 96.00 hours. Ecotoxicity: Toxic to aquatic life. Environmental effects: Bioaccumulation is unlikely to be significant because of the low water solubility of this product. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

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### 13 – DISPOSAL CONSIDERATIONS

Hazardous wastes should be sent to a RCRA approved incinerator or disposed of in a RCRA approved waste facility. Dispose of container and unused contents in accordance with federal, state and local requirements.

**I certify that all chemicals in this shipment comply with all applicable rules or orders under TSCA and that I am not offering a chemical substance for entry in violation of TSCA or any applicable rule or order under TSCA.**

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### 14 – TRANSPORT INFORMATION

#### DOT / ADR / RID Classification:

DOT PROPER SHIPPING NAME: PAINT  
PRIMARY HAZARD CLASS/DIVISION: 3  
UN/UA NUMBER: UN1263  
PACKING GROUP: III

#### IMDG and ADN Classification:

IMDG PROPER SHIPPING NAME: PAINT  
IMDG UN CLASS: 3  
IMDG UN NUMBER: 1263  
IMDG PACKING GROUP: III  
IMDG LABEL: FLAMMABLE LIQUID  
IMDG VESSEL STOWAGE: A

Air shipping this product is not advised and if done must be handled by a certified carrier according to IATA rules.



GHS LABEL:

#### DANGER

**HIGHLY FLAMMABLE LIQUID AND VAPOR. VAPOR HARMFUL. CAUSES SERIOUS EYE IRRITATION. CAUSES SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. HARMFUL OR FATAL IF SWALLOWED AND ENTERS AIRWAYS.**

Refer to SDS for additional information on safe handling / use. - Keep out of reach of children. For Industrial Use Only.

**Contains:** Silica, amorphous (10-20%), Naphtha, petroleum, hydrodesulfurized heavy (10-20%), Stoddard solvent (10-20%), Petroleum distillates, hydrotreated light (10-20%), Xylene (0-10%), and Ethyl benzene (0-10%). This product contains one or more chemicals known to the State of California to cause cancer, birth defects, and/or other reproductive harm.

**Hazards:** Highly flammable liquid and vapor. May cause respiratory irritation. May cause drowsiness or dizziness. Harmful in contact with skin or if inhaled. May be fatal if swallowed and enters airways. May cause damage to organs through prolonged or repeated exposure. Causes skin irritation. Harmful to aquatic life with long lasting effects.


**Precautionary Statement(s):** Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Store in a well-ventilated place. Keep container tightly closed. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe mist/vapors/spray. Use only outdoors or in a well-ventilated area.

**First Aid: Inhalation** - Move person to fresh air. If symptoms occur obtain medical attention. **Skin Contact** - Wash affected skin with soap and water. If symptoms occur obtain medical attention. **Eye Contact** - If substance has got into the eyes, immediately wash out with plenty of water for at least 15 minutes. If symptoms occur obtain medical attention. **Ingestion** - Do not induce vomiting. Drink one glass of water. If symptoms occur obtain medical attention.

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#### 15 – REGULATORY INFORMATION

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 **WARNING:** This product can expose you to chemicals including Ethylbenzene, which is known to the State of California to cause. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**Hazards:** Highly flammable liquid and vapor. May cause respiratory irritation. May cause drowsiness or dizziness. Harmful in contact with skin or if inhaled. May be fatal if swallowed and enters airways. May cause damage to organs through prolonged or repeated exposure. Causes skin irritation. Harmful to aquatic life with long lasting effects.

**Precautionary Statement(s):** Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Store in a well-ventilated place. Keep container tightly closed. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe mist/vapors/spray. Use only outdoors or in a well-ventilated area.

#### CODES:



- XN=harmful
- F=highly flammable
- T=toxic
- N= dangerous for the environment
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#### R-Phrases:

R10: Flammable  
 R11: Highly flammable  
 R12: Extremely flammable  
 R20/21: Harmful by inhalation and in contact with skin  
 R36/38: Irritating to eyes and skin  
 R38: Irritating to skin  
 R45: May cause cancer

- R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation  
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
R62: Possible risk of impaired fertility  
R65: Harmful: may cause lung damage if swallowed  
R66: Repeated exposure may cause skin dryness or cracking  
R67: Vapours may cause drowsiness and dizziness

## S-Phrases:

- S2: Keep out of the reach of children  
S9: Keep container in a well-ventilated place  
S16: Keep away from sources of ignition - No smoking  
S23: Do not breathe gas/fumes/vapour/spray  
S24: Avoid contact with skin  
S25: Avoid contact with eyes  
S29: Do not empty into drains  
S33: Take precautionary measures against static discharges  
S36: Wear suitable protective clothing  
S36/37: Wear suitable protective clothing and gloves  
S45: In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)  
S51: Use only in well-ventilated areas  
S53: Avoid exposure - obtain special instructions before use  
S60: This material and its container must be disposed of as hazardous waste  
S61: Avoid release to the environment. Refer to special instructions/safety data sheet  
S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label

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**16- DISCLAIMER**

Above information is based on data supplied to us and is believed to be correct. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since the data made available subsequent to the date hereof may suggest modifications of the information, we do not assume responsibility for the results of its use. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose. It is the user's obligation to determine the safe use of it.