




<b>5 - MESURES DE LUTTE CONTRE L'INCENDIE</b>	
<b>MOYENS D'EXTINCTION</b>	
EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical and water fog.	
<b>MESURES PARTICULIERES D'INTERVENTION</b>	
SPECIAL FIRE FIGHTING PROCEDURES: Water or foam may cause frothing. Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. SPECIAL PROTECTIVE EQUIPMENT: For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.	
<b>DANGERS SPECIFIQUES</b>	
UNUSUAL FIRE AND EXPLOSION HAZARDS: None. COMBUSTION PRODUCTS: Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion. NFPA HAZARD ID : Health : 0, Flammabilité : 1, Reactivity : 0	
<b>6 - MESURES EN CAS DE DISPERSION ACCIDENTELLE</b>	
<b>PRECAUTIONS INDIVIDUELLES</b>	
PERSONAL PRECAUTIONS: See Section 8	
<b>PROTECTION de l'ENVIRONNEMENT</b>	
Prevent material from entering sewers, water sources or low lying areas; advise the relevant authorities if it has, or if it contaminates soil/vegetation.	
<b>METHODES DE NETTOYAGE</b>	
Shut off source taking normal safety precautions. Take measures to minimize the effects on ground water. Recover by pumping or contain spilled material with sand or other suitable absorbent and remove mechanically into containers. If necessary, dispose of adsorbed residues as directed in Section 13. WATER SPILL: Confine the spill immediately with booms. Warn other ships in the vicinity. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. If permitted by regulatory authorities the use of suitable dispersants should be considered where recommended in local oil spill procedures.	
<b>7 - MANIPULATION et STOCKAGE</b>	
<b>MANIPULATION</b>	
No special precautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal protection advice when handling this product.	
<b>STOCKAGE</b>	
Keep containers closed when not in use. Do not store in open or unlabelled containers. Store away from strong oxidizing agents and combustible materials. Do not store near heat, sparks, flame or strong oxidants. SPECIAL PRECAUTIONS: Prevent small spills and leakages to avoid slip hazard.	
<b>8 - EXPOSITION - PROTECTIONS INDIVIDUELLES</b>	
<b>CONTROLE DE L'EXPOSITION - VLE / VME</b>	
OCCUPATIONAL EXPOSURE LIMITS: When mists/aerosols can occur, the following are recommended: 5 mg/m <sup>3</sup> (as oil mist) - ACGIH Threshold Limit Value (TLV), 10 mg/m <sup>3</sup> (as oil mist) - ACGIH Short Term Exposure Limit (STEL), 5 mg/m <sup>3</sup> (as oil mist) - OSHA Permissible Exposure Limit (PEL)	
<b>REMARQUES SUR L'EXPOSITION</b>	

					
<b>MESURES GENERALES DE PROTECTION</b>					
If mists are generated, use adequate ventilation, local exhaust or enclosures to control below exposure limits. Good personal hygiene practices should always be followed.					
<b>PROTECTION RESPIRATOIRE</b>					
If mists are generated, and/or when ventilation is not adequate, wear approved respirator.					
<b>PROTECTION DES MAINS</b>					
Not normally required. When splashing or liquid contact can occur frequently, wear oil resistant gloves.					
<b>PROTECTION DES YEUX</b>					
If eye contact is likely, safety glasses with side shields or chemical type goggles should be worn.					
<b>PROTECTION DE LA PEAU</b>					
Not normally required. When splashing or liquid contact can occur frequently, wear protective clothing..					
<b>9 - PROPRIETES PHYSICO-CHIMIQUES</b>					
Forme Moléculaire				Masse Moléculaire	
État Physique		Liquide	Apparence		Couleur
					clear yellow

Odeur	Mild	Lim. Défect° Olfactive		Densité	15/4 C : 0.87
Poids Spécifique		Point de Congélation		Point de Fusion	
Point d'Ébullition	>332(630) C(F)	Tension de Vapeur	>0.1mmHg 20C	Densité de Vapeur	>2.0
Taux d'Évaporation		Point d'Éclair	174(345) C(F)	Lim. d'Inflammabilité	LEL: 0.9 %, UEL: 7.0 %
Temp. d'Auto- Ignition	NA	Coef.partage Eau/huile	>3.5	PH	
Solubilité dans l'Eau	negligible	Granulométrie		Polymérisation	

**DONNEES COMPLEMENTAIRES**

Viscosity at 40 C, cSt : 65.0  
 Pour Point C(F) : -27(-17)  
 DMSO EXTRACT, IP-346 (W.%) : < 3, for mineral oil only  
 For further technical information, contact the marketing representative.

**10 - STABILITE et REACTIVITE****STABILITE / REACTIVITE**

STABILITY (THERMAL, LIGHT, ETC.): Stable.

**INCOMPATIBILITES**

CONDITIONS TO AVOID: Extreme heat and high energy sources of ignition  
 INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.

**PRODUITS DE DECOMPOSITION**

HAZARDOUS DECOMPOSITION PRODUCTS: Product does not decompose at ambient temperatures.  
 HAZARDOUS POLYMERIZATION: Will not occur.

**11 - INFORMATIONS TOXICOLOGIQUES****EN CAS D'INHALATION**

Acute Toxicology : Practically non-toxic (LC50: greater than 5 mg/l). Based on testing of similar products and/or the components.  
 Chronic Toxicology : Repeated and/or prolonged exposure may cause irritation to the respiratory tract.

**EN CAS DE CONTACT AVEC LA PEAU**

Acute Toxicology : Practically non-irritating. (Primary Irritation Index: greater than 0.5 but less than 3). ---Based on testing of similar products and/or the components.  
 Chronic Toxicology : Repeated and/or prolonged exposure may cause irritation to the skin.

**EN CAS DE CONTACT AVEC LES YEUX**

Acute Toxicology : Practically non-irritating. (Draize score: greater than 6 but 15 or less). ---Based on testing of similar products and/or the components.  
 Chronic Toxicology : Repeated and/or prolonged exposure may cause irritation to the eyes.

**EN CAS D'INGESTION**

Acute Toxicology : Practically non-toxic (LD50: greater than 2000 mg/kg). ---Based on testing of similar products and/or the components.

**12 - INFORMATIONS ECO-TOXICOLOGIQUES****EFFETS ECO-TOXIQUES**

ECOTOXICITY: Available ectotoxicity data (LL50 >1000 mg/L) indicates that adverse effects to aquatic organisms are not expected from this product.

MOBILITY: When released into the environment, adsorption to sediment and soil will be the predominant behavior.

PERSISTENCE AND DEGRADABILITY: This product is expected to be inherently biodegradable.

**TOXICITE AQUATIQUE**

BIOACCUMULATIVE POTENTIAL: Bioaccumulation is unlikely due to the very low water solubility of this product, therefore bioavailability to aquatic organisms is minimal.

**INDICATIONS GENERALES**

In the absence of specific environmental data for this product, this assessment is based on information for representative products.

**13 - ELIMINATION DES DECHETS****EXCEDENTS / DECHETS**

WASTE DISPOSAL: Product is suitable for burning in an enclosed, controlled burner for fuel value. Such burning may be limited pursuant to the Resource Conservation and Recovery Act. In addition, the product is suitable for processing by an approved recycling facility or can be disposed of at an appropriate government waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

RCRA INFORMATION: The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity, or reactivity. The unused product is not formulated with substances covered by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

EMBALLAGES SOUILLES / USES				
Empty containers retain 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. Do not attempt to refill or clean container since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.				
14 - TRANSPORT				
TRANSPORT TERRESTRE				
Identification		Dénomination		HUILE 181022 ou 8685016
Classe	Enumération	Danger	Etiquette	
TRANSPORT MARITIME				
Dénomination	HUILE 181022 ou 8685016	Classe	N° ONU	
Grpe Emballage		Polluant Marin	Code IMDG	
Risque Subsidaire		EMS N°	MFAG Table N°	
TRANSPORT AERIEN				
Dénomination	HUILE 181022 ou 8685016	Classe	N° ONU	
Grpe Emballage		Risque Subsidaire	Instruct° Emballage	
15 - INFORMATIONS REGLEMENTAIRES				
DONNEES REGLEMENTAIRES				
When used for its intended purposes, this product is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200. Product is not dangerous as defined by the European Union Dangerous Substances/Preparations Directives. EU labelling not required. All components comply with TSCA. This product contains no "EXTREMELY HAZARDOUS SUBSTANCES".				
PHRASES DE RISQUES (R)				
CONSEILS DE PRUDENCE				
AUTRES TEXTES				

16 - AUTRES INFORMATIONS				
Health studies have shown that many hydrocarbons pose potential human health risks wich may vary from person to person. Information provided on this MSDS reflects inted use. This product should not be used for other applications. In any case, the following advice should be considered : If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical reatment within the first few hours may significantly reduce the ultimate extent of injury. Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation. Always observe good hygiene measures.				
Date de création	Date de Révision	Créee sous FDSx le	Modifiée sous FDSx le	Auteur
08/11/2005		08/11/2005	08/11/2005	Ploquin

HUILE 181022 GB et 8685016 GB - Ref. 181022 GB

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