

**21®**

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Issue date: 2022-07-11 Revision date: 2024-07-22 Supersedes: 2023-01-13 Version: 3.3

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixture  
Trade name : 21®  
Product group : Mixtures

#### 1.2. Recommended use and restrictions on use

No additional information available

#### 1.3. Supplier

**Manufacturer**

Whitmore Manufacturing LLC  
930 Whitmore Drive  
Rockwall, Texas, 75087  
USA

T 1.972.771.1000

[Regulatory@whitmores.com](mailto:Regulatory@whitmores.com) - [www.jetlube.com](http://www.jetlube.com)

**Distributor**

Jet-Lube of Canada LTD  
Units 8 & 9, 1260 - 34 Avenue  
Nisku, AB, T9E 1K7  
Canada

T 1.780.463.7441

[Regulatory@whitmores.com](mailto:Regulatory@whitmores.com) - [www.jetlube.com](http://www.jetlube.com)

#### 1.4. Emergency telephone number

Emergency number : For Chemical Emergency Call Ricardo Emergency Response 24hr/day 7days/week  
Within USA and Canada: +1.215.207.0061  
Outside USA and Canada: +44.1235.239670  
(collect calls accepted)

Country/Area	Organization/Company	Address	Emergency number	Comment
Canada	Ricardo-Canada		+1.800.579.7421 (toll-free, Canada only)	

### SECTION 2: Hazard identification

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

**Classification (GHS CA)**

Not classified

#### 2.2. GHS Label elements, including precautionary statements

**GHS CA labeling**

No labeling applicable

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS CA)

No additional information available

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

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**3.2. Mixtures**

This mixture does not contain any substances to be mentioned according to the criteria of schedule 1, item 3 of the Hazardous Products Regulations.

**SECTION 4: First-aid measures****4.1. Description of first aid measures**

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell.

**4.2. Most important symptoms and effects (acute and delayed)**

No additional information available

**4.3. Immediate medical attention and special treatment, if necessary**

Other medical advice or treatment	: Treat symptomatically.
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**SECTION 5: Fire-fighting measures****5.1. Suitable extinguishing media**

Suitable extinguishing media	: Water spray. Dry powder. Foam.
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**5.2. Unsuitable extinguishing media**

No additional information available

**5.3. Specific hazards arising from the hazardous product**

Hazardous decomposition products in case of fire	: Toxic fumes may be released.
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**5.4. Special protective equipment and precautions for fire-fighters**

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

No additional information available

**6.2. Methods and materials for containment and cleaning up**

Methods for cleaning up	: Mechanically recover the product.
Other information	: Dispose of materials or solid residues at an authorized site.

**6.3. Reference to other sections**

For further information refer to section 8: "Exposure controls/personal protection"

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

No additional information available

## 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
 Environmental exposure controls : Avoid release to the environment.

## 8.3. Individual protection measures/Personal protective equipment

## Materials for protective clothing:

Wear protective clothing

## Hand protection:

Neoprene or nitrile rubber gloves

Type	Material	Permeation	Thickness (mm)	Penetration
Disposable gloves	Nitrile rubber (NBR), Neoprene rubber (HNBR)	2 (> 30 minutes)	0.3 mm - 0.6 mm	

## Eye protection:

Wear eye protection

## Skin and body protection:

Wear suitable protective clothing

## Respiratory protection:

No respiratory protection needed under normal use conditions

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Physical state : Solid  
 Appearance : Grease.  
 Color : Metallic  
 Odor : petroleum-like odor  
 Odor threshold : No data available  
 pH : No data available  
 Relative evaporation rate (butyl acetate=1) : No data available  
 Relative evaporation rate (ether=1) : No data available  
 Melting point : No data available  
 Freezing point : No data available  
 Boiling point : No data available  
 Flash point : > 221 °C Open cup  
 Auto-ignition temperature : No data available  
 Decomposition temperature : No data available  
 Flammability (solid, gas) : No data available  
 Vapor pressure : No data available  
 Relative vapor density at 20°C : No data available  
 Relative density : No data available

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Solubility	: insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: > 25 mm²/s
Explosion limits	: No data available

## 9.2. Other information

VOC content	: < 0.1 %
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## SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: No additional information available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hardening time:	: No additional information available

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

21®	
Viscosity, kinematic	> 25 mm²/s

## SECTION 12: Ecological information

## 12.1. Toxicity

Ecology - general	: Very toxic to aquatic life with long lasting effects. Very toxic to aquatic life.
Hazardous to the aquatic environment, short-term (acute)	: Very toxic to aquatic life
Hazardous to the aquatic environment, long-term (chronic)	: Very toxic to aquatic life with long lasting effects

## 12.2. Persistence and degradability

21®	
Persistence and degradability	Not rapidly degradable

## 12.3. Bioaccumulative potential

No additional information available

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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified




SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA

TDG	DOT	IMDG	IATA
14.1. UN number			
UN3077	Not regulated	3077	3077
14.2. Proper Shipping Name			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS : copper)	Not regulated	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS : copper)	Environmentally hazardous substance, solid, n.o.s. (CONTAINS : copper)
14.3. Transport hazard class(es)			
9	Not regulated	9	9
	Not regulated		
14.4. Packing group			
III	Not regulated	III	III
14.5. Environmental hazards			
Dangerous for the environment: Yes	Not regulated	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes
Not Regulated, Not classified as a marine pollutant - DOT Approval#: CA2019050504			

14.6. Special precautions for user

TDG  
UN-No. (TDG) : UN3077

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TDG Special Provisions	<p>: 16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the danger or dangers posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3).</p> <p>(2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name:</p> <p>(a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S.;</p> <p>(b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S.;</p> <p>(c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S.;</p> <p>(d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S. or</p> <p>(e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S.</p> <p>(3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment:</p> <p>(a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or</p> <p>(b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS, 99 - (1) Mixtures of solids that are not dangerous goods and liquids or solids that are UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. or UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. may be offered for transport, handled or transported as UN3077 if there is no visible liquid when the dangerous goods are loaded into a means of containment and during transport.</p> <p>(2) These Regulations, except for Parts 1 and 2, do not apply to the offering for transport, handling or transport of less than 450 kg of UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. or less than 450 L of UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. on a road vehicle or a railway vehicle. The dangerous goods must be contained in one or more small means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no release of the dangerous goods that could endanger public safety.</p>
Explosive Limit and Limited Quantity Index	: 5 kg
Excepted quantities (TDG)	: E1
Emergency Response Guide (ERG) Number	: 171
<b>DOT</b>	
Not regulated	
<b>IMDG</b>	
Special provision (IMDG)	: 274, 335, 966, 967, 969
Limited quantities (IMDG)	: 5 kg
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP02, P002
Packing provisions (IMDG)	: PP12
IBC packing instructions (IMDG)	: IBC08
IBC special provisions (IMDG)	: B3
Tank instructions (IMDG)	: BK1, BK2, BK3, T1
Tank special provisions (IMDG)	: TP33
EmS-No. (Fire)	: F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage)	: S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS
Stowage category (IMDG)	: A
Stowage and handling (IMDG)	: SW23
<b>IATA</b>	
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y956
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 956
PCA max net quantity (IATA)	: 400kg
CAO packing instructions (IATA)	: 956
CAO max net quantity (IATA)	: 400kg
Special provision (IATA)	: A97, A158, A179, A197, A215
ERG code (IATA)	: 9L

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

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**SECTION 15: Regulatory information****15.1. National regulations**

No additional information available

**15.2. International regulations**

No additional information available

**SECTION 16: Other information**

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Safety Data Sheet (SDS), Canada

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.