



# Barricade (Fabri Guard)

## Safety Data Sheet

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

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### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixture  
Product name : Barricade (Fabri Guard)  
Other means of identification : MC 80

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

Recommended use : Industrial use  
Restrictions on use : Not determined

#### 1.3. Supplier

Krown Rust Control  
35 MAGNUM DRIVE  
LOG 1T0 SCHOMBERG - CANADA  
T (905) 939-8750

#### 1.4. Emergency telephone number

Emergency number : (905) 939-8750

### SECTION 2: Hazard identification

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

##### Classification (GHS-CA)

Flammable liquids, Category 3 H226  
Germ cell mutagenicity, Category 1 H340  
Carcinogenicity, Category 1 H350  
Aspiration hazard, Category 1 H304

Full text of H statements : see section 16

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

##### GHS-CA labelling

Hazard pictograms (GHS-CA) :



Signal word (GHS-CA) : Danger

Hazard statements (GHS-CA) : H226 - Flammable liquid and vapour.  
H304 - May be fatal if swallowed and enters airways.  
H340 - May cause genetic defects.  
H350 - May cause cancer.

Precautionary statements (GHS-CA) : P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground/bond container and receiving equipment.  
P241 - Use explosion-proof electrical/ventilating/lighting equipment.  
P242 - Use only non-sparking tools.  
P243 - Take action to prevent static discharges.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .  
P308+P313 - IF exposed or concerned: Get medical advice/attention.  
P331 - Do NOT induce vomiting.  
P370+P378 - In case of fire: Use media other than water to extinguish.  
P403+P235 - Store in a well-ventilated place. Keep cool  
P405 - Store locked up.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

# Barricade (Fabri Guard)

## Safety Data Sheet

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

### 2.3. Other hazards

Other hazards not contributing to the classification : None.

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

No data available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS-CA)
Naphtha, petroleum, heavy alkylate	Naphtha (petroleum), heavy alkylate / Naphtha, (petroleum), heavy alkylate / Heavy alkylate naphtha / Naphtha (petroleum), heavy alkylate - low boiling point modified naphtha / Naphtha, petroleum, heavy alkylate (A complex combination of hydrocarbons produced by distillation of the reaction products of isobutane with monoolefinic hydrocarbons usually ranging in carbon numbers from C3-5. It consists of predominantly branched chain saturated hydrocarbons having carbon numbers predominantly in the range of C9-12 and boiling in the range of approximately 150-220°C.) / Petroleum distillate, heavy alkylated / Ligroine (petroleum), heavy alkylate	(CAS-No.) 64741-65-7	60 - 100	Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304

Full text of hazard classes and H-statements : see section 16

## 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 : Do not induce vomiting. Call a physician immediately.  
First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).

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

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.  
Symptoms/effects after ingestion : Risk of lung oedema.  
Chronic symptoms : May cause cancer. May cause hereditary genetic damage.

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

Other medical advice or treatment : Not applicable.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : Not determined.

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

Fire hazard : Flammable liquid and vapour.

### 5.4. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Evacuate area. Eliminate all ignition sources if safe to do so. Exercise caution when fighting any chemical fire.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

No additional information available

# Barricade (Fabri Guard)

## Safety Data Sheet

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

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

- Methods for cleaning up : Notify authorities if product enters sewers or public waters. Use only explosion-free electrical equipment with earth. In case of large spillages: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Shovel or sweep up and put in a closed container for disposal. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal.
- 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. Do not handle until all safety precautions have been read and understood. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Wear personal protective equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Obtain special instructions before use.
- Hygiene measures : Separate working clothes from town clothes. Launder separately. 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

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool. Keep container tightly closed.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

- Appropriate engineering controls : Use only explosion-proof equipment. Use non-sparking handtools. Ensure good ventilation of the work station.
- Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

## SECTION 9: Physical and chemical properties

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

- Physical state : Liquid
- Appearance : Cream.
- Colour : Off-white
- Odour : odourless
- Odour threshold : No data available
- pH : No data available
- Relative evaporation rate (butylacetate=1) : > 1
- Relative evaporation rate (ether=1) : No data available
- Melting point : Not applicable
- Freezing point : -3 °C
- Boiling point : 157.1 - 196.2 °C
- Flash point : 45 °C

# Barricade (Fabri Guard)

## Safety Data Sheet

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

Auto-ignition temperature	: 113 °F
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Vapour pressure at 50 °C	: No data available
Relative density	: 0.78
Solubility	: Insoluble.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 6.3 mPa.s
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	: Heating may cause a fire.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: No flames, no sparks. Eliminate all sources of ignition.
Incompatible materials	: Peroxides. Sodium hypochlorite.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced. On combustion, forms: carbon oxides (CO and CO <sub>2</sub> ).

## 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

Naphtha, petroleum, heavy alkylate (64741-65-7)	
LD50 oral rat	> 7000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5.04 mg/l/4h
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: May cause genetic defects.
Carcinogenicity	: May cause cancer.
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways.
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after ingestion	: Risk of lung oedema.
Chronic symptoms	: May cause cancer. May cause hereditary genetic damage.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: Toxic to aquatic life.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

# Barricade (Fabri Guard)

## Safety Data Sheet

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

Naphtha, petroleum, heavy alkylate (64741-65-7)	
EC50 Daphnia 1	2 mg/l (Exposure time: 48 h - Species: Mysidopsis bahia)
EC50 72h algae (1)	30000 mg/l (Species: Pseudokirchneriella subcapitata)

### 12.2. Persistence and degradability

Barricade (Fabri Guard)	
Persistence and degradability	Not established.

### 12.3. Bioaccumulative potential

Barricade (Fabri Guard)	
Bioaccumulative potential	Not established.

### 12.4. Mobility in soil

Barricade (Fabri Guard)	
Ecology - soil	Not established.

### 12.5. Other adverse effects

Ozone	: Not classified
Effect on the global warming	: Not established.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Additional information	: Flammable vapours may accumulate in the container.

## SECTION 14: Transport information

### 14.1. Basic shipping description

In accordance with TDG

#### Transportation of Dangerous Goods

UN-No. (TDG)	: UN3295
Packing group	: III - Minor Danger
TDG Primary Hazard Classes	: 3 - Class 3 - Flammable Liquids
Transport document description	: UN3295 HYDROCARBONS, LIQUID, N.O.S. (Naphtha, petroleum, heavy alkylate), 3, III
Proper Shipping Name (Transportation of Dangerous Goods)	: HYDROCARBONS, LIQUID, N.O.S. Naphtha, petroleum, heavy alkylate

Hazard labels (TDG) : 3 - Flammable liquids



TDG Special Provisions : 150 - An emergency response assistance plan (ERAP) is required for these dangerous goods under subsection 7.1(6) of Part 7 (Emergency Response Assistance Plan).

Explosive Limit and Limited Quantity Index	: 5 L
Excepted quantities (TDG)	: E1
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	: 60 L

### 14.2. Transport information/DOT

#### Department of Transport

DOT NA no.	: UN3295
UN-No.(DOT)	: 3295
Packing group (DOT)	: III - Minor Danger
Transport document description	: UN3295 Hydrocarbons, liquid, n.o.s. (Naphtha, petroleum, heavy alkylate), 3, III
Proper Shipping Name (DOT)	: Hydrocarbons, liquid, n.o.s. Naphtha, petroleum, heavy alkylate
Contains Statement Field Selection (DOT)	:

# Barricade (Fabri Guard)

## Safety Data Sheet

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

Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120  
Division (DOT) : 3  
Hazard labels (DOT) : 3 - Flammable liquid



Dangerous for the environment : No  
DOT Special Provisions (49 CFR 172.102) : 144 - If transported as a residue in an underground storage tank (UST), as defined in 40 CFR 280.12, that has been cleaned and purged or rendered inert according to the American Petroleum Institute (API) Standard 1604 (IBR, see 171.7 of this subchapter), then the tank and this material are not subject to any other requirements of this subchapter. However, sediments remaining in the tank that meet the definition for a hazardous material are subject to the applicable regulations of this subchapter.  
B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable.  
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) : 150  
DOT Packaging Non Bulk (49 CFR 173.xxx) : 203  
DOT Packaging Bulk (49 CFR 173.xxx) : 242  
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 60 L  
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 220 L  
DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.  
Emergency Response Guide (ERG) Number : 128  
Other information : No supplementary information available.

### 14.3. Air and sea transport

#### IMDG

UN-No. (IMDG) : 3295  
Proper Shipping Name (IMDG) : HYDROCARBONS, LIQUID, N.O.S.  
Transport document description (IMDG) : UN 3295 HYDROCARBONS, LIQUID, N.O.S. (Naphtha, petroleum, heavy alkylate), 3, III  
Class (IMDG) : 3 - Flammable liquids  
Packing group (IMDG) : III - substances presenting low danger

#### IATA

UN-No. (IATA) : 3295  
Proper Shipping Name (IATA) : Hydrocarbons, liquid, n.o.s.  
Transport document description (IATA) : UN 3295 Hydrocarbons, liquid, n.o.s. (Naphtha, petroleum, heavy alkylate), 3, III  
Class (IATA) : 3 - Flammable Liquids  
Packing group (IATA) : III - Minor Danger

## SECTION 15: Regulatory information

### 15.1. National regulations

#### Barricade (Fabri Guard)

Listed on the Canadian DSL (Domestic Substances List)

# Barricade (Fabri Guard)

## Safety Data Sheet

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

### Naphtha, petroleum, heavy alkylate (64741-65-7)

Listed on the Canadian DSL (Domestic Substances List)

### 15.2. International regulations

#### Naphtha, petroleum, heavy alkylate (64741-65-7)

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed on the Korean ECL (Existing Chemicals List)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on Turkish inventory of chemical

### SECTION 16: Other information

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Other information : **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H-statements:

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H340	May cause genetic defects.
H350	May cause cancer.

SDS Canada (GHS)

*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*