

SAFETY DATA SHEET

(KROWN) **FABRI GUARD**
Product code: MC80
Issued on: 17.02.2012
Revised on: 22.12.2014 Version 1.1

1. MATERIAL / MIXTURE AND ORGANIZATION / COMPANY IDENTIFICATION

1.1. Product identification

KROWN FABRI GUARD
KROWN FABRI GUARD protective agent for fabric

1.2. The intended usages of the material or mixture and those not recommended

Protective agent for fabric

1.3. Information about the supplier of the safety data sheet

Manufacturer: Canadian Krown Dealers Inc.,
35 Magnum Drive, Schomberg, Ontario, LOG 1T0, Canada

Telephone: +1 800-267-5744

E-mail: info@krown.com

Website: www.krown.com

Importer in EU: SIA KROWN EU
Ganību dambis 25 f, Rīga, LV 1005, Latvia

Telephone: +371 67491330

Fax: +371 67491331

E-mail of the competent person: info@krowneurope.com

Website: www.krowneurope.com

1.4. Telephone for emergency situations

State fire and rescue service: 01, 112

State police: 02, 112

Emergency medical assistance service: 03, 113

State Poison Center Drug and Poison Information Center: +371 67042473

Manufacturer: +1 800-267-5744

2. HAZARDS IDENTIFICATION

2.1. Classification of the material/ mixture

Classification in accordance with Regulation (EC) No. 1272/2008

Human health Asp.Tox. 1; H304

2.2. Label elements

Labelling in accordance with the Regulation (EC) No. 1272/2008



Signal word:

Dangerous

Hazard statements:

H304 May be fatal if swallowed and enters airways

Precautionary statements:

Prevention P102 Keep away from children

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	P260	Do not breathe vapours/spray.
	P262	Do not get in the eyes, on skin or on clothing.
	P280	Wear protective gloves/ protective clothing/eye protection/ face protection.
Response	P301+P310	IF SWALLOWED: immediately call POISON CENTER/doctor..
	P331	DO NOT induce vomiting
Storage	P405	Store locked up.
Disposal	P501	Dispose of the content/container in accordance with local regulation.

Contains: Treated naphtha, heavy alkylates

2.3. Other hazards

The mixture does not correspond to *PBT* or *vPvB* criteria.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Composition

Not applicable.

3.2. Mixtures

Names of components	CAS No.	EINECS No.	RERACH registration No.	Concentration, % of weight	Classification
Treated naphtha, heavy alkylates, low-boiling-polint modified naphtha	64741-65-7	265-067-2	01-2120009436-62-0000	60-100%	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R65 Zime P ----- Asp. Tox. 1 H304 Muta. 1B H340 Carc. 1B H350 Note P

Additional information: See full text of R phrases and H statements in Section 16

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Immediately move the patient in fresh air.

Eye contact

Rinse eyes with large amount of water for at least 15 minutes. Before rinsing make sure there are no contact lenses in the eyes. Keep the eyelids open during rinsing. Immediately seek medical attention.

Skin contact

Immediately remove the contaminated clothing. Rinse contact area thoroughly with water.

If irritation remains, seek medical attention.

Ingestion

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Rinse mouth with water. Drink large amount of water. Do not induce vomiting. Do not give anything orally to an unconscious person. Immediately seek medical attention. In case of spontaneous vomiting keep head low to prevent aspiration.

Personal protective equipment of first aid provider

No other relevant information available.

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

No other relevant information available about the effects of the mixture.

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

No other relevant information available about the effects of the mixture.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Water spray, dry chemicals, carbon dioxide, alcohol-resistant foam, foam.

Non-suitable extinguishing media

Do not use powerful water stream to extinguish flame.

5.2. Special hazards arising from the substance or mixture

Use water to cool containers exposed to fire. Product may float and re-ignite.

5.3. Advice for fire fighters

Protective equipment

Use respiratory protection apparatus with independent air supply and complex protective clothing.

Additional information

Prevent firefighting water entering into surface or underground waters.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

No special precautions indicated.

6.2. Environmental precautions

Immediately inform the responsible environmental services about the accident. Prevent release to the environment.

6.3. Methods and material for containment and cleaning up

Small spills

Rinse with large amount of water.

Large spills

Cover with absorbing material and dispose of in accordance with existing rules and regulations.

6.4. Reference to other sections

For waste disposal see Section 13, personal protective equipment indicated in Section 8.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Prevent eye and skin contact. Use gloves when handling the product.

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7.2. Conditions for safe storage, including any incompatibilities

Keep in cool, dry place in sealed containers.

7.3. Specific end use(s)

Protective agent for fabric

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.1.1. Exposure limit values

There are no exposure limit values determined for the mixture or its components.

8.1.2. Derived No Effect Levels (DNEL) and Prescribed No Effect Concentration (PNEC)

There are no DNEL or PNEC levels indicated for the product or its components.

8.2. Exposure controls

8.2.1. Adequate technical management

General instructions: In case of emergency, see Section 6.

Technical measures: Local exhaust ventilation.

8.2.2. Such individual protection measures as personal protective equipment

The selection of personal protective equipment may differ based on the circumstances of use.

Eye/face protection: Use protective goggles (EN166).

Hand protection: Use impervious safety gloves (EN 374).

Body protection: Use work clothing (for example, water resistant protective footwear and protective long-sleeved clothing complying to EN ISO 20345).

Respiratory protection: No required for normal application. In case of formation of vapours/aerosol, use type A filter (colour – brown).

Thermal hazards: Not applicable.

Hygienic measures: It is recommended to comply with the general protective and hygienic measures when working with chemical substances. Wash hands before breaks and after finishing work.

8.2.3. Environmental risk management

Information not available.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

- | | |
|--|--------------------|
| a) appearance | Clear liquid |
| b) odour | No odour |
| c) odour threshold | Not applicable |
| d) pH | Not applicable |
| e) melting / freezing point | Data not available |
| f) boiling temperature and boiling temperature range | 110°C |
| g) flash temperature | 145 °C (113°F) |
| i) flammability (for solids, gasses) | Data not available |
| j) upper/ lower flammability or explosive limit | Data not available |
| h) evaporation rate (water=1) | >1,0 |
| k) vapour pressure (mm Hg) | Data not available |

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l) vapour density (air=1)	Data not available
m) relative density	0.78 g/cm ³
n) solubility in water	Insoluble
o) partition coefficient: n-octanol/water	Data not available
p) ignition temperature	Not applicable
q) degradation temperature	Data not available
r) viscosity	Data not available
s) explosion hazard	Data not available
t) oxidation properties	Data not available

9.2. Other information

10. STABILITY AND REACTIVITY

10.1. Reactivity

No data about reactivity.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Possible hazardous reactions to oxidisers.

10.4. Conditions to avoid

High temperatures, open fire and all sources of ignition.

10.5. Incompatible materials

Oxidisers, strong acids, bases, amines.

10.6. Hazardous decomposition products

O₂, CO₂

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological information

a) acute toxicity

Naphtha, heavy alkylites, CAS. No. 64741-65-7

LD50 6000 mg/kg (rat, ingestion)

LD50 3000 mg/kg (rabbit, through skin)

LC50 7.8mg/l/4h (rat, inhalation)

b) caustic irritation

Does not cause primary skin irritation after short-term exposure. Repeated exposure may cause scaling, sensitivity, skin softening.

c) serious eye damage/ irritation

Mild irritation.

d) respiratory or skin sensitization

No data available regarding sensitizing effect of the mixture or components.

e) germ cell mutagenicity

No data available regarding mutagenic effect of the mixture or components.

f) carcinogenicity

No data available regarding carcinogenic effect of the mixture or components.

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g) reproductive toxicity

No data available regarding reproductive toxicity of the mixture or components.

h) Specific target organ toxicity, single exposure

No data available regarding toxicity of the mixture.

i) specific target organ toxicity, repeated exposure

No data available regarding specific target organ toxicity.

j) hazards caused by inhalation

No data available regarding hazards caused by inhalation.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Acute toxicity

Fish LC50 > 100mg/l

Aquatic invertebrates EC50 > 100mg/l

Aquatic plants IC50 > 100mg/l

12.2. Persistence and degradability

No data available regarding degradability of the mixture.

12.3. Bioaccumulative potential

No data available regarding the bioaccumulative potential of the mixture.

12.4. Mobility in soil

No data available regarding the mobility in soil.

12.5. Results of PBT and vPvB assessment

No data available on the results of PBT and vPvB assessment.

12.6. Other adverse effects

No directions.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product residue and wastes

Do not store with municipal waste. Transfer waste for disposal or recycling to a licensed waste treatment company.

Waste code

130899 Oil wastes not otherwise specified (except edible oils and oils specified in Section 05, 12 and 19)

Container and packaging waste

When possible, recycle containers and packaging free from product residue.

Waste codes

If the container is free from product residue

150102 Plastic packaging

If the container contains product residue

150110 Packaging containing hazardous residue or contamination

Additional information for waste treatment company personnel

It is advised to comply with the general protective and hygiene measures when working with chemical substances.

14. TRANSPORT INFORMATION

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14.1 UN number

UN 1268

14.2. UN proper shipping name

ADR PETROLEUM DISSTILATES, NOS
IMDG PETROLEUM DISSTILATES, NOS
ICAO/IATA PETROLEUM DISSTILATES, NOS

14.3. Transport hazard class(-es)

ADR/RID/ADN 3 Flammable liquids
IMDG 3.3
ICAO/IATA class/ section 3 Flammable liquids
Hazard label



14.4. Packaging group

ADR/RID/ADN packaging group III
IMDG packaging group III
ICAO/IATA packaging group III

14.5. Environmental hazards

Marine pollutant No

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No. 1907/2006 (18 December, 2006) of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

Regulation (EC) No. 1272/2008 (16 December, 2008) of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Commission Regulation (EU) No 453/2010 (20 May 2010) amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Commission Regulation (EU) No 487/2013 (8 May 2013) amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.

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Procedures for Classification, Labelling and Packaging of Chemical Substances and Chemical Products
(Regulations of the Cabinet of Ministers' of the Republic of Latvia No. 107 of 12.03.2002)

Labour Protection Requirements when Coming in Contact with Chemical Substances at Workplaces
(Regulations of the Cabinet of Ministers' of the Republic of Latvia No. 325 of 15.05.2007)

15.2. Chemical safety assessment

No data on chemical safety assessment

16. OTHER INFORMATION

Developed on: 17.02. 2012

Developed by: J. Brideau (800) 267-5744

Revised on: 22 December, 2014, SIA "Retorte"

Revised Section 1 – 15 in accordance with the latest EU rules and regulations.

Information sources

Information has been reviewed and supplemented, based on the safety data sheet developed by the manufacturer and existing legislation.

Classification in accordance with the Directive of the Council 67/548/EEC and Directive 1999/45/EC

Xn; R65

Labelling in accordance to 1999/45/EC

Hazard symbols

Xn



Hazardous

Risk statements

R65 Harmful – may cause lunge damage when ingested

Safety phrases

S2 Keep out of the reach of children.

S9 Keep in well ventilated area.

S16 Keep away from sources of ignition – No smoking

S23 Do not breathe gases, smoke, fumes or aerosols.

S24 Avoid contact with skin.

S62 If swallowed do not induce vomiting, immediately seek medical attention and present the packaging or its labelling.

Content: Naphtha, heavy alkylites

Section 2 and 3 chemical material effect descriptions (R phrases) and hazard labels (H label) in full:

Carc. Cat.2 Category 2 cancerous chemical substance

R45 May cause cancer.

Muta. Cat.2 Category 2 mutagen chemical substance

R46 May cause hereditary genetic defects.

R65 Harmful - may cause lung damage when ingested

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Note P

The classification as a carcinogen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7). When the substance is not classified as a carcinogen at least the S-phrases (2-)23-24-62 shall apply. This note applies only to certain complex oil-derived substances indicated in the list of substances.

Asp.Tox.1

Acute toxicity, Hazard Category 4

H304

May cause death, if swallowed or enters airways.

Muta. 1B

Microorganism cell mutation, Hazard Category 1B

H340

May cause genetic damage.

Carc. 1B

Cancerous, Hazard Category 1B

H350

May cause cancer.

Note P

The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7). When the substance is not classified as a carcinogen at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 (Table 3.1) or the S-phrases (2-)23-24-62 (Table 3.2) shall apply. This note applies only to certain complex oil-derived substances in Part 3.

Abbreviations and acronyms used in the safety data sheet:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

ICAO: International Civil Aviation Organization

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

EINECS: European Inventory of Existing Commercial Chemical Substances

Disclaimer

The information in this safety data sheet is based on the data provided by the product manufacturer, which is to be deemed correct; however, the product importer, nor its manufacturer shall guarantee that this information is comprehensive, nor shall bare any responsibility of the consequences caused by the use of this information. It is the responsibility of the user of the product, to evaluate the information provided here and its applicability to the current circumstances of the product usage, as well as to carry out all necessary safety procedures, when using this product.

End of safety data sheet