

SAFETY DATA SHEET

(Krown) **MC89 SPRING FRESH -AEROSOL**
Product code: MC89
Issued on: 14.09.2014 Version 1.1

1. MATERIAL / MIXTURE AND ORGANIZATION / COMPANY IDENTIFICATION

1.1. Product identification

KROWN MC89 SPRING FRESH - AEROSOL

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

Air refresher - aerosol

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.krow.com

Importer in the UK: KROWN Rust Control LTD
36 Coneygree Road, Tipton DY4 8XF

Telephone: 07340904900

Fax: 01215573874

E-mail of the competent person: info@krowuk.co.uk

Website: www.krownuk.co.uk

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 Centre Drug and Poison Information Centre: +371 67042473

Manufacturer: +1 800-267-5744

2. HAZARDS IDENTIFICATION

2.1. Classification of the material/ mixture

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

Not classified.

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

Physical and chemical hazards Category 3 non-flammable aerosol

Human health Not classified.

Environment Not classified.

2.2. Label elements

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

Hazards pictograms: Not required

Signal word: Attention

Hazard statements: H229 Pressurized container: may burst if heated.

Precautionary statements:

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P102 Keep away from children

P210 Keep away from heat, hot surfaces, sparks, open flame and other ignition. No smoking.

P251 Do not pierce or burn, even after use.

P260 Do not breathe vapours/spray.

P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F

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
Air	132259-10-0	---	No registration data	≤30	Not classified

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Move the victim in fresh air.

Eye contact

Immediately rinse with water. Before rinsing, make sure there are no contact lenses in the eyes. Keep the eyelids open during rinsing.

Skin contact

Wash contact area with water.

Ingestion

Due to physical state of the product, ingestion is unlikely. Rinse mouth with water.

Personal protective equipment of first aid provider

No other relevant information available.

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

Contact with cooled gas may cause frostbite and traumas.

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

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

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

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The product is non-flammable.
Suitable extinguishing media
Use water spray or mist, dry chemicals, carbon dioxide, foam.

5.2. Special hazards arising from the substance or mixture

Act based on the circumstances. Spray bottles may explode, if heated. broken spray bottles may burst.

5.3. Advice for fire fighters

When extinguishing indoor fires and any significant outdoor fires, adequate personal protective equipment and respiratory protection apparatus with independent air supply. For smaller outdoor fires that can be easily extinguished with portable fire extinguisher, the use of respiratory protection apparatus with independent air supply is not obligatory.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Emergency personnel in contaminated areas must use adequate personal protective equipment and certified self-contained breathing apparatuses. Protective goggles and impervious gloves must be used.

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

Rinse with water.

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. Not to be taken internally.

7.2. Conditions for safe storage, including any incompatibilities

Prevent freezing.

7.3. Specific end use(s)

Air refresher

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.1.1. Exposure limit values

The mixture does not contain components with indicated occupational exposure limits.

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

Derived No Effect Levels (DNEL)

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The mixture does not contain components with indicated derived no effect levels (DNEL) and prescribed no effect concentrations (PNEC).

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: If possible eye contact, use goggles (EN166).

Hand protection: For normal use, not required. Nitrile protective gloves (EN374) recommended.

Body protection: Use work clothing (for example. safety footwear and long-sleeved protective clothing in correspondence to EN ISO 20345 requirements).

Respiratory protection: For normal use, not required.

Thermal hazards: Not applicable.

Hygienic measures: Recommended to comply with the general safety and personal hygienic measures, when handling chemical substances. Wash hands before breaks and after 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	Green liquid.
b) odour	Pleasant
c) odour threshold	Not applicable
d) pH	6.0-7.0
e) melting / freezing point	0 °C
f) boiling temperature and boiling temperature range	100 °C
g) flash temperature	Not applicable
i) flammability (for solids, gasses)	Not flammable
j) upper/ lower flammability or explosive limit	Not specified
h) evaporation rate (water=1)	>1
k) vapour pressure (mm Hg)	Not specified
l) vapour density (air=1)	Data not available
m) relative density	0.986 g/cm ³
n) solubility in water	Excellent
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

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10. STABILITY AND REACTIVITY

10.1. Reactivity

No hazardous reactions

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Do not store with strong acids and oxidizers.

10.5. Incompatible materials

Oxidizers.

10.6. Hazardous decomposition products

Carbonic oxides, harmful fumes.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological information

a) acute toxicity

No data available regarding toxicity of the mixture.

b) caustic irritation

No data available regarding effects on the skin of the mixture.

c) serious eye damage/ irritation

No data available regarding effects on the eyes of the mixture.

d) respiratory or skin sensitization

See subparagraph i)

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.

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 toxicity of the mixture.

j) hazards caused by inhalation

No data available regarding inhalation hazards of the mixture.

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12. ECOLOGICAL INFORMATION

12.1. Toxicity

No data available regarding toxicity of the mixture.

12.2. Persistence and degradability

No data available regarding the degradability of the mixture..

12.3. Bioaccumulative potential

No data available regarding bioaccumulative potential of the mixture.

12.4. Mobility in soil

The mixture is water soluble and easily moves 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 instructions.

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 licence waste treatment company.

Waste code

070101 Aqueous washing liquids and mother liquors

Container and packaging waste

When possible, recycle containers and packaging free from product residue. Only completely emptied containers may be recycled.

Waste codes

If the container is free from product residue

150104 Metal 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

14.1 UN number

UN 1950

14.2. UN proper shipping name

AEROSOLS

14.3. Transport hazard class(-es)

ADR/RID/ADN

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IMDG Class 2
ICAO/IATA class/ section 2

Hazard label

14.4. Packaging group

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

14.5. Environmental hazards

Marine pollutant No

14.6. Special precautions for user

Not classified.

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, 2006) 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.

Labelling in accordance to 1999/45/EC

Hazard labels

No

Safety phrases

S2 Keep out of the reach of children.
S23 Do not breathe fumes or aerosols.
S24/25 Avoid contact with skin and eyes.
S51 Use only in well ventilated areas.
S46 If swallowed seek medical attention immediately and show this container or label.

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Additional labels:

The container is under pressure: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce and burn. Do not spray near open flame or heat sources.

15. Chemical safety assessment

No data on chemical safety assessment

16. OTHER INFORMATION

Developed on: 14 September, 2014

Developed by: SIA "Retorte"

Information sources

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

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

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 bear 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