



Safety data sheet

Kema BV-18 Beltdressing Spray

1. Identification of the substance/preparation and of the company/undertaking

Revision: 23-08-2010/ MP Replaces: 24-10-2006	Distributor: ITW Chemical Products Scandinavia Priorsvej 36 8600 Silkeborg
Product use: Belt Dressing.	
Article number; 02155	Tel: (+45) 86 82 64 44 Fax: (+45) 86 82 64 64 Emergency telephone number: +45 86 82 64 44 Emergency telephone number between 8 and 15.30 ; Monday to Friday. Contact person: Helle Nielsen Email: info@itw-scan.com

2. Hazards identification

Extremely flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Additional information

By prolonged use this product may form flammable/explosive vapour-air mixture. The vapour is heavier than air and can accumulate in low level areas. Prolonged or repeated inhalation of vapours may cause damage to the central nervous system.

3. Composition/information on ingredients

Einecs no.	CAS No.	Substances	Classification	w/w%
204-696-9	124-38-9	carbon-dioxide	-	1-4
206-016-6	287-92-3	cyclopentane	F;R11 R52/53	>50

Please see section 16 for the full text of the R-phrases

4. First aid measures

Inhalation

Seek fresh air. Seek medical advice if symptoms persist.

Ingestion

Rinse mouth thoroughly with water. Do not induce vomiting. If vomiting occurs, keep head low so that stomach contents do not enter lungs. Seek medical advice if symptoms persist.

Skin

Remove contaminated clothing. Wash skin with soap and water. Use a moisture cream. Seek medical advice if symptoms persist.

Eyes

Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice if symptoms persist. If irritation persists seek medical advice. (Bring this MSDS) Rinse the eyes during transportation.

Burns

Flush with water until pain ceases. Remove clothing that is not stuck to the skin – seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.

Other information

When obtaining medical advice, show the safety data sheet or label.

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5. Fire-fighting measures

Extinguish with powder, foam, carbon dioxide or water mist. Do not use water spray, as it may spread the fire. Use water or water mist to cool non-ignited stock. Remove larger stocks of containers from the danger area if this is possible without risk. Do not inhale vapours and flue gases - seek fresh air. Fire fighters should wear self-contained breathing apparatus.

6. Accidental release measures

In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Eliminate all sources of ignition. Ventilate the area. Use the same personal protective equipment as stated in section 8. Spillage from aerosols is very unlikely. Spillage should be contained with cloth or oil absorbent materials and placed in suitable containers for destruction.

7. Handling and storage

Handling

Contains organic solvents. Ensure best possible ventilation. See section 8 for information about precautions for use and personal protective equipment. Keep away from sources of ignition. No smoking.

Storage

Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50°C.

8. Exposure controls/ personal protection

Precautions for use

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. Take precautionary measures against static discharges. Use spark-free tools and explosion proof equipment.

Respiratory protection

The product contains liquids with a low boiling point which are poorly adsorbed on charcoal filters. The use of fresh air respiratory protective equipment is thus required.

In most cases a mask with a filter insert for hydrocarbon solvents is adequate.

Gloves and protective clothing

Use chemical resistant gloves (e.g. 4H-gloves) in case of skin contact. Wear normal work wear.

Eye protection

Wear safety goggles if there is a risk of eye splash.

Occupational exposure limits

Ingredients	Exposure limit	Remarks
carbon-dioxide	5000 ppm 9150 mg/m ³	-

The exposure limits stated are in accordance with EH40/2002 Occupational Exposure Limits 2002.

Control methods

Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

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9. Physical and chemical properties

Appearance: Colourless Aerosol

Odour: Characteristic

Boiling point (°C): >40

Melting point (°C): <0

Relative density (g/ml): 0,48

Solubility in water (g/100 ml): Not miscible

Flash point (°C): < -50.

Oxidising properties: Non-oxidising

Self-ignition temperature (°C): >200.

10. Stability and reactivity

Stabile under recommended storage and handling conditions. Durability for the aerosol is at least 3 years from date of production, but it can be used for up to 5 years if there is enough propellant in the aerosol to apply the contents in a satisfactory way. Reacts with strong oxidizing agents. Combustion will generate: Carbon monoxide (CO) and Carbon dioxide (CO₂).

11. Toxicological information

Acute

Inhalation

The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

Ingestion

Difficult because of the packing. May cause chemical pneumonia if ingested or vomited.

Skin contact

Prolonged skin contact can cause irritation.

Eye contact

May cause eye irritation.

Long-term effects

May cause damage to the central nervous system

Prolonged or repeated inhalation of vapours may cause damage to the central nervous system.

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12. Ecological information

Avoid unnecessary release to the environment. Avoid discharge to drain or surface water.

Ecotoxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Mobility

The product is insoluble in water. The product will leach into soil. A part of the product is volatile and will evaporate from water and earth in a few days.

Persistence and degradability

The product is expected to be partially or slowly biodegradable.

Bioaccumulative potential

The product is not expected to bioaccumulate.

13. Disposal considerations

Collect spills and waste in closed and sealed containers and send to the local disposal facility for chemical waste.

Remains of the product should be disposed of in accordance with regulations made by the local authorities: EWC-code 16 05 04. Empty aerosols (totally emptied for propellant) or aerosols that by accident have been punctured: EWC-code 15 01 04.

14. Transport information

The product must be transported in accordance with national and/or international rules for transport of dangerous goods by road and sea according to ADR and IMDG.

ADR: UN 1950 ; Aerosols ; 2.1 ; ; D

IMDG: UN 1950 ; Aerosols ; 2.1 ;

Classification code: 5F Label ADR: 2.1 Hazard identification number:

Flash point: -50 °C Label IMDG: 2.1 IMDG EmS.: F-D, S-U

15. Regulatory information



Hazard designation:

R-phrases

Extremely flammable. (R12A)

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. (R52/53)

S-phrases

Keep out of the reach of children. (S2)

Keep away from sources of ignition - No smoking. (S16)

Do not breathe vapour/spray. (S23-DA)

Use only in well ventilated areas. (S51)

Other labelling

Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not puncture or burn, even after use. Do not spray on a naked flame or any incandescent material.

Volatile organic compounds (VOC):

Chemical safety assessment

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16. Other information

Restrictions on use

Training requirement

No special training is required, but a thorough knowledge of this safety data sheet should be a prerequisite condition.

Packaging

Spray can.

Sources used

Other information

The product should only be use for the stated application or applications.

The information in this MSDS are based on our present state of knowledge and on current EEC and national laws. The users own working conditions are beyond our knowledge and control. The information in this MSDS are meant as a description of the safety requirements of our product: it may not be considered as a guarantee of the products' properties.

Full text of the R-phrases that are stated in section 3.

R11 Highly flammable.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Amendments have been made in the following sections

General changes have been made in the entire MSDS.

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