



Safety data sheet

Kema LG-90 Primer Light Spray

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

Revision: 28-08-2007/ HN Replaces: 28-08-2007	Distributor: ITW Chemical Products Scandinavia Priorsvej 36 8600 Silkeborg 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
Product use: Primer	
Article number: 07595	

2. Hazards identification

Extremely flammable. Harmful by inhalation and in contact with skin. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Additional information Persons with a known allergy to 2-butanone oxime may exhibit an allergic response to the product. May cause chemical pneumonia if the product is ingested or vomited.

3. Composition/information on ingredients

Einecs no.	CAS No.	Substances	Classification	w/w%	
202-849-4	100-41-4	ethylbenzene	F;R11 Xn;R20	5-10	
204-065-8	115-10-6	dimethyl ether	F+;R12	40-50	
215-535-7	1330-20-7	xylene	R10 Xn;R20/21 Xi;R38	10-20	
265-199-0	64742-95-6	Solvent naphtha (petroleum), light arom.	R10 Xn; R20-R65 Xi; R36/37/38 N;R51/53	1-5	3
200-662-2	67-64-1	acetone	F;R11 Xi;R36 R66 R67	5-10	
202-496-6	96-29-7	2-butanone oxime	Xn;R21 Carc. Cat.3;R40 Xi;R41	0,2-0,5	
231-944-3	7779-90-0	trizinkbis(orthophosphat)	R43 N;R50/53	<1	

3) R65 is not applicable due to use as aerosols.
Please see section 16 for the full text of the R-phrases

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4. First aid measures

Inhalation

Remove the exposed person to fresh air. If symptoms persist seek medical advice.

Ingestion

Rinse mouth thoroughly with water. If vomiting occurs, keep head low so that stomach contents do not enter lungs. Obtain medical attention.

Skin

Remove contaminated clothing. Wash skin with soap and water. Use a moisture cream.

Eyes

Rinse immediately with water (preferably using eye wash) for at least 15 minutes. Open eyes wide. Remove any contact lenses. 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.

5. Fire-fighting measures

Extinguish with powder, foam, carbon dioxide or water mist. Do not use water stream, as it may spread the fire. Use water or water mist to cool non-ignited stock. Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases – seek fresh air. CAUTION! Aerosol containers may explode. Fire fighters should wear self-contained breathing apparatus.

6. Accidental release measures

Use the same personal protective equipment as stated in section 8. Provide adequate ventilation. Smoking and naked flames prohibited. Wipe up drops and splashes with a cloth and dispose of the cloth as set out in section 13. In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Spillage from aerosols is very unlikely. Contain and absorb spill with sand, cat litter or other absorbent, non-combustible material and transfer to suitable waste containers. See section 13 for instructions on disposal.

7. Handling and storage

Handling

Contains organic solvents. Wear suitable gloves and goggles to avoid contact with skin and eyes. Smoking and naked flames prohibited.

Storage

Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50°C. Store in a dry area.

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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.

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, as the product normally is used only for a short period of time.

Gloves and protective clothing

Use nitrile gloves if there is a risk 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
ethylbenzene	100 ppm 441 mg/m ³	-
dimethyl ether	400 ppm 766 mg/m ³	-
xylene	100 ppm 441 mg/m ³	Sk
acetone	750 ppm 1810 mg/m ³	-
2-butanone oxime	3 ppm	-

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

Remarks

SK: Can be absorbed through skin

Control methods

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

9. Physical and chemical properties

Appearance: Light gray paint. Aerosol.
Odour: Solvent
Solubility in water (g/100 ml): Insoluble
Vapour density: >1

Flash point (°C): <0.

10. Stability and reactivity

Stable under recommended storage and handling conditions. Durability for the aerosol is at least 5 years from date of production, 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, carbon dioxide, smoke and oxides of nitrogen.

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11. Toxicological information

Acute

Inhalation

Chemical conditioned lunginflammation may occur if the product by inhalation of drops, by ingestion or by vomiting enters the lunges.

Ingestion

Difficult because of the packing. Ingestion may cause nausea. Do not provoke vomiting. May cause chemical pneumonia if ingested or vomited.

Skin contact

The product has an irritating effect on skin and prolonged contact can cause dryness and irritation.

Eye contact

Irritates eyes.

Risk of sensitization

The product contains small amounts of 2-butanone oxime. Persons with a known allergy may exhibit an allergic response to the product.

Long-term effects

Cancer

The product contains 2-butanone oxime, considered to be a carcinogen.

12. Ecological information

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

Ecotoxicity

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

Fish: 96hLC50 = 0,09 mg/L

Mobility

A part of the product is volatile and will evaporate from water and earth in a few days. Possible remains will slowly be decomposed and inorganic part will remain.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

13. Disposal considerations

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

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

IMDG: UN 1950 ; Aerosols ; 2.1 ;

Classification code: Label ADR: 2.1 Hazard identification number:

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

15. Regulatory information



Harmful



Extremely flammable



Dangerous for the environment

Hazard designation: Harmful; Extremely flammable; Dangerous for the environment

Hazard symbols: Xn;F+;N

Contains

Xylene

R-phrases

Extremely flammable. (R12)

Harmful by inhalation and in contact with skin. (R20/21)

Irritating to skin. (R38)

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. (R51/53)

S-phrases

Keep container in a well ventilated place. (S9)

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

Wear suitable protective clothing and gloves. (S36/37)

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

Use only in well ventilated areas. (S51)

Avoid release to the environment. Refer to special instructions/safety data sheet. (S61)

Other labelling

Contains 2-butanone oxime. May produce an allergic reaction.

Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition – No smoking. Keep out of the reach of children.

Volatile organic compounds (VOC):

This product contains a maximum of 733 g VOC/L. The limit value is 840 g VOC/L (cat. B/e)

Chemical safety assessment

Chemical safety assessment has not been performed.

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16. Other information

Training requirement

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

Packaging

Spray can.

Sources used

Other information

The product should only be used 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.

R10 Flammable.
R11 Highly flammable.
R12 Extremely flammable.
R20 Harmful by inhalation.
R20/21 Harmful by inhalation and in contact with skin.
R21 Harmful in contact with skin.
R36 Irritating to eyes.
R36/37/38 Irritating to eyes, respiratory system and skin.
R38 Irritating to skin.
R40 Limited evidence of a carcinogenic effect.
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

Amendments have been made in the following sections

There have been changes section 1, 7, 9, 10, 14, 15 and 16

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