



# Safety data sheet

## Kema RGA-1100 Regular Grade Anti-Seize Aluminiumpaste Spray

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

Revision: 15-06-2009/ MJH Replaces: 24-08-2006	Distributor: <b>ITW Chemical Products Scandinavia</b> <b>Priorsvej 36</b> <b>8600 Silkeborg</b>
<b>Product use:</b> Lubricating compound spray.	<b>Tel: (+45) 86 82 64 44 Fax: (+45) 86 82 64 64</b> <b>Emergency telephone number: +45 86 82 64 44</b> <b>Emergency telephone number between 8 and 15.30 ;</b> <b>Monday to Friday.</b> <b>Contact person: Marlene Hesselberg</b> <b>Email: info@itw-scan.com</b>
<b>Article no.:</b> 14165	

### 2. Hazards identification

Extremely flammable. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness.
<b>Additional information</b> 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%	
215-222-5	1314-13-2	zinc-oxide-	N;R50/53	1-5	
265-149-8	64742-47-8	Distillates (petroleum), hydrotreated light	Xn;R65 R66	5-10	3
265-151-9	64742-49-0	Naphtha (petroleum), hydrotreated light	F; R11 Xn;R65 Xi;R38 N;R51/53 R67	10-25	
270-704-2	68476-85-7	Petroleum gases, liquefied		10-25	
231-072-3	7429-90-5	aluminium metal	F+;R12	1-5	
401-520-4	7440-50-8	copper-	R10 F;R15	1-5	
-	7782-42-5	Graphite	N;R50/53	10-25	*
292-460-6	90622-58-5	Aliphatic hydrocarbon	Xn;R65 R66	1-5	3
297-854-1	93763-35-0	Hydrocarbons, C9-16, hydrotreated, dearomatized	Xn;R65	10-25	3

3) R65 is not applicable due to use as aerosols.  
\* The substance has a national exposure limit.  
*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**

Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice if symptoms persist.

**Skin**

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

**Eyes**

Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

**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. Symptoms: See section 11.

### 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 containers from the danger area if this is possible without risk. ATTENTION! Spray cans may explode.

### 6. Accidental release measures

Use the same personal protection as for item 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.

### 7. Handling and storage

**Handling**

Please see item 8 for information on personal protection. Smoking and naked flames prohibited.

**Storage**

Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50 °C.

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### 8. Exposure controls/ personal protection

#### Precautions for use

Work under effective process ventilation (e.g. local exhaust ventilation). Smoking and naked flames prohibited. Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

#### Respiratory protection

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

Wear protective gloves made of nitrile rubber.

#### Eye protection

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

#### Occupational exposure limits

Ingredients	Exposure limit	Remarks
zinc-oxide- copper-	- ppm 5 mg/m <sup>3</sup> 0,2 (fume)	-

#### Control methods

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

### 9. Physical and chemical properties

Appearance: Grey paste in an aerosol.  
Odour: Characteristic  
Density: 0,8 g/ml  
Solubility in water (g/100 ml): Insoluble.  
Vapour density: >1 (air = 1,0)

Flash point: <0°C

### 10. Stability and reactivity

The product is stable when used in accordance with the supplier's directions. Avoid heating and contact with ignition sources. 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.

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### 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. Inhalation of spray mist may cause chemical pneumonia.

##### **Ingestion**

Difficult because of the packing. Spray mist in mouth may irritate mucous membranes in mouth and throat. May cause chemical pneumonia if ingested or vomited.

##### **Skin contact**

Irritating to skin – may cause reddening.

##### **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.

### 12. Ecological information

Avoid unnecessary release to the environment.

#### **Ecotoxicity**

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

#### **Mobility**

A part of the product is volatile and will evaporate from water and earth in a few days.

#### **Persistence and degradability**

Degradability data not provided.

#### **Bioaccumulative potential**

No bioaccumulation data provided.

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### 13. Disposal considerations

Do not dispose of aerosol sprays in refuse collection, even when empty. The sprays must be sent to the municipal chemical waste collection facility with the specifications set out below.

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 ; AEROSOLER ; 2.1 ; -

**IMDG:** UN 1950 ; AEROSOLS ; 2.1 ; -

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

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

MP: Marine Pollutant Tunnel-code (D)

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### 15. Regulatory information



Irritant



Extremely flammable



Dangerous for  
the environment

**Hazard designation:** Irritant; Extremely flammable; Dangerous for the environment

**Hazard symbols:** Xi;F+;N

#### R-phrases

Extremely flammable. (R12)

Irritating to skin. (R38)

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

Vapours may cause drowsiness and dizziness. (R67)

#### S-phrases

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

Wear suitable gloves. (S37)

Do not breathe vapour/spray. (S23)

In case of insufficient ventilation, wear suitable respiratory equipment. (S38)

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

#### Other labelling

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.

#### 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.

R15 Contact with water liberates extremely flammable gases.

R38 Irritating to skin.

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

Changes have been made in the entire datasheet.

ITW Chemical Products Scandinavia Priorsvej 36, 8600 Silkeborg +45 86 82 64 44/+45 86 82 64 64 (Made in Toxido®) UK