

Safety data sheet

KG - 1 Carbon Remover

Version 1.0

Effective date: 17-05-2017



SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier

Trade name: KG - 1 Carbon Remover

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use: Removal and or Clean-up of Copper

Uses advised against: -

1.3 Details of the supplier of the safety data sheet

Company: KG Industries
204 Mustang Cove
Mustang Creek Industrial Park
Taylor TX 76574
Phone +1 (512) 352 3245

Contact: info@kgcoatings.com

1.4 Emergency telephone number:

These services are only available to health professionals.
The UK National Poisons Emergency number is 0870 600 6266.

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture 1272/2008 CLP.

Repr. 1B; H360D.

2.2 Label Elements 1272/2008 CLP:

Hazard pictograms:



Signal word:

Danger

Contains: CAS 872-50-4 N-methyl-2-pyrrolidone <5 %.

Safety data sheet

KG - 1 Carbon Remover

Version 1.0

Effective date: 17-05-2017



Hazard statements:

H360D May damage the unborn child.

Precautionary statements:

General:

P102 Keep out of reach of children.

Prevention:

P201 Obtain special instructions before use.

Response:

P308 + 313 IF exposed or concerned: Get medical advice/attention.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/container to an approved waste disposal plant.

Additional marking:

-

2.3 Other Hazards

This substance/mixture does not meet the PBT or vPvB criteria of REACH, annex XIII.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1/2 Substance/Mixture

CAS/EC-no.	REACH-no.	Name	Content %	Classification CLP
872-50-4 / -	-	<i>N</i> -methyl-2-pyrrolidone	<5	Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335, Repr. 1B; H360D.

3.3 Additional information:

See full text of H-phrases in section 16. Occupational limits are listed in section 8, if these are available.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

General information:

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor, if in doubt about the injured person's condition or if the symptoms continue.

Inhalation:

Get the injured person into fresh air. Consult a doctor in case of discomfort.

Safety data sheet

KG - 1 Carbon Remover

Version 1.0

Effective date: 17-05-2017



Skin contact: Skin that has come in contact with the material must be washed thoroughly with water for several minutes. Take off contaminated clothing and wash before reuse. If skin irritation occurs: seek medical advice/attention.

Eye contact: Rinse continuously with water for several minutes. Remove contact lenses. If eye irritation persists: Get medical advice/attention.

Ingestion: Give the person plenty to drink and stay with the person. Consult a doctor in case of discomfort.

4.2 Most important symptoms and effects, both acute and delayed

May damage the unborn child.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Check for possible cyanic poisoning.

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media: This product does not burn. Use appropriate media for adjacent fire.

Unsuitable extinguishing media:

None known.

5.2 Special hazards arising from the substance or mixture

May form harmful smoke during heating or fire, do not inhale.

5.3 Advice for firefighters:

Wear self-contained breathing apparatus and protective clothing to prevent contact. Do not let fire-extinguishing water run into sewers and other water courses.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Make sure there is sufficient ventilation. Use appropriate personal protective equipment as stated in Section 8.

6.2 Environmental precautions:

Avoid discharge to lakes, streams, sewers, etc.

6.3 Methods and material for containment and cleaning up:

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Avoid contact with strong oxidizing agents or concentrated acids.

6.4 Reference to other sections:

See section on "Disposal considerations " with regard to the handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7. HANDLING AND STORAGE

Safety data sheet

KG - 1 Carbon Remover

Version 1.0

Effective date: 17-05-2017



7.1 Precautions for safe handling:

Use appropriate personal protective equipment as stated in Section 8. Use only in well-ventilated areas. Take usual precautions when handling chemicals. Avoid contact with skin and eyes. After use and before eating, drinking or smoking, wash hands, arms and face. Smoking, eating and drinking are prohibited in premises where the preparation is used. Wash articles that have been used in water, to dilute any harmful effects before disposal.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a cool, well-ventilated place. Provide adequate ventilation. Make sure there are no leaks. Always keep in original containers.

7.3 Specific end use(s):

This product should only be used for applications described in Section 1.2.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits EH40:

CAS-no:	Name:	Limits:	M:	Reference:
872-50-4	<i>N</i> -methyl-2-pyrrolidone	TWA: 25 ppm – 103 mg/m ³ TEL: 75 ppm – 75 mg/m ³		EH40

DNEL / PNEC:

-

8.2 Exposure controls:

Appropriate technical measures:

Airborne concentrations must be kept as low as possible and below the current threshold values. Use for example an exhaust system if the normal air flow in the work room is not sufficient.

General information / Hygiene measures:

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom. Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face. . Make sure that eyewash and emergency showers are clearly marked.

Personal protective equipment:

Only CE-marked personal protection equipment should be used.

Respiratory protection:

Facing concentrations above the exposure limit, use respiratory with filter A.

Hand protection:

Use gloves.
Protective gloves are recommended to protect against contact with product. Standard EN 374-1. Breakthrough time: >8 hours.

Eye protection:

Wear safety glasses or goggles if eye contact is possible. EN 166

Safety data sheet

KG - 1 Carbon Remover

Version 1.0

Effective date: 17-05-2017



Body protection: Wear appropriate protective clothing

Measures to avoid environmental exposure:
Avoid discharge to lakes, streams, sewers, etc.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Liquid	Color: Slight to moderate amber	Odour: Mild	PH: -	Viscosity: -
Flash point: -	Boiling point: -	Vapour pressure: -	Density g/cm³: 1.015	Solubility: Soluble in water
Evaporation rate: -	Auto-ignition: -	Explosive limits -		

9.2 Other information:

-

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity: Stable product under normal conditions.

10.2 Chemical stability: Stable. Hazardous polymerisation will not occur

10.3 Possibility of hazardous reactions:
No dangerous reactions are known.

10.4 Conditions to avoid: None known.

10.5 Incompatible materials: Avoid contact with strong oxidizing agents and acids.

10.6 Hazardous decomposition products:
May form toxic gases during heating or fire.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological effects

Acute toxicity:	<i>N</i> -methyl-2-pyrrolidone:			
	Rat:	LD50:	Oral:	3914 mg/kg
	Rabbit:	LD50:	Dermal:	8000 mg/kg

Skin corrosion/irritation: Not classified.

**Serious eye
damage/irritation:** Not classified.

Safety data sheet

KG - 1 Carbon Remover

Version 1.0

Effective date: 17-05-2017



Respiratory or skin sensitisation:	Not classified.
Germ cell mutagenicity:	Not classified.
Carcinogenicity:	Not classified.
Reproductive toxicity:	May damage the unborn child.
Specific target organ toxicity - single exposure:	Not classified.
Specific target organ toxicity – repeated exposure:	Not classified.
Aspiration hazard:	Not classified.
Additional Information:	-

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity:	Not classified.
12.2 Persistence and degradability:	No data available.
12.3 Bioaccumulative potential:	None known potential.
12.4 Mobility in soil:	No data available.
12.5 Result of PBT and vPvB assesment:	This substance/mixture does not meet the PBT or vPvB criteria of REACH, annex XIII.
12.6 Other adverse effects:	None known.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:	Avoid discharge to drain or surface water. Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site. Option:
EWC-Code:	19 02 09
Contaminated packing:	Packaging which contains leftovers from the product must be disposed of in the same way as the product.

SECTION 14. TRANSPORT INFORMATION

Safety data sheet

KG - 1 Carbon Remover

Version 1.0

Effective date: 17-05-2017



Not classified.

	ADR/RID	IMDG/IMO
14.1 UN number	-	-
14.2 UN proper shipping name	-	-
14.3 Transport hazard class(es)	-	-
14.4 Packing group	-	-
14.5 Environmental hazards - MP	-	-
Other informations	LQ: - Tunnel: -	LQ: - Tunnel: -

14.6 Special precautions for user:

-

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

-

SECTION 15. REGULATORY INFORMATION

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

Pressure Equipment (Amendment) Regulations 2011. Chemicals (Hazard Information and Packaging for Supply) Regulations 2009. Control of Substances Hazardous to Health Regulations 2002 (as amended). Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995 (as amended). Personal Protective Equipment Regulations 2002. Personal Protective Equipment at Work Regulations 1992. Hazardous Waste (England and Wales) Regulations 2005(as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC.

Additional information:

People under the age of 18 must not be exposed to this product cf. Council Directive 94/33/EC.
Pregnant women must not be exposed to the effects of this product.

15.2 Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16. OTHER INFORMATION

Safety data sheet

KG - 1 Carbon Remover

Version 1.0

Effective date: 17-05-2017



Full text of H-phrases as mentioned in section 3:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H360D May damage the unborn child.

Additional information:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Validated by:

SRS

www.msds-eu.com
