

Safety Data Sheet

MasterSeal HLM 5000RG

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(30605604/SDS_GEN_US/EN)

1. Identification

Product identifier used on the label

MasterSeal HLM 5000RG

Recommended use of the chemical and restriction on use

Recommended use*: for industrial and professional users

* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:

BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

Emergency telephone number

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

Other means of identification

Chemical family: No data available.

2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification of the product

Asp. Tox.	1	Aspiration hazard
Flam. Liq.	3	Flammable liquids
Skin Corr./Irrit.	2	Skin corrosion/irritation
Eye Dam./Irrit.	1	Serious eye damage/eye irritation
Muta.	2	Germ cell mutagenicity
STOT RE	1	Specific target organ toxicity — repeated exposure
Repr.	1B (fertility)	Reproductive toxicity
Repr.	1B (unborn child)	Reproductive toxicity

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Aquatic Acute	3	Hazardous to the aquatic environment - acute
Aquatic Chronic	3	Hazardous to the aquatic environment - chronic

Label elements

Pictogram:



Signal Word:

Danger

Hazard Statement:

H226	Flammable liquid and vapour.
H318	Causes serious eye damage.
H315	Causes skin irritation.
H304	May be fatal if swallowed and enters airways.
H341	Suspected of causing genetic defects.
H372	Causes damage to organs (Central nervous system) through prolonged or repeated exposure.
H360	May damage fertility. May damage the unborn child.
H402	Harmful to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe dust/gas/mist/vapours.
P201	Obtain special instructions before use.
P273	Avoid release to the environment.
P243	Take action to prevent static discharges.
P202	Do not handle until all safety precautions have been read and understood.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P270	Do not eat, drink or smoke when using this product.
P264	Wash with plenty of water and soap thoroughly after handling.
P233	Keep container tightly closed.
P242	Use only non-sparking tools.
P240	Ground and bond container and receiving equipment.

Precautionary Statements (Response):

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P331	Do NOT induce vomiting.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P370 + P378	In case of fire: Use alcohol-resistant foam, carbon dioxide, dry powder or water spray for extinction.

Precautionary Statements (Storage):

P405	Store locked up.
P403 + P235	Store in a well-ventilated place. Keep cool.

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Precautionary Statements (Disposal):
P501 Dispose of contents/container to hazardous or special waste collection point.

Hazards not otherwise classified

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
8052-41-3	>= 5.0 - < 10.0%	Stoddard solvent
64742-95-6	>= 0.0 - < 10.0%	Solvent naphtha (petroleum), light arom.
95-63-6	>= 0.0 - < 10.0%	1,2,4-trimethylbenzene
1305-78-8	>= 7.0 - < 10.0%	calcium oxide
25551-13-7	>= 0.0 - < 5.0%	Benzene, trimethyl-
108-67-8	>= 0.0 - < 3.0%	mesitylene
77-58-7	>= 0.2 - < 0.3%	dibutyltin dilaurate
14807-96-6	>= 25.0 - < 50.0%	talc
8052-42-4	>= 7.0 - < 15.0%	Asphalt
64742-52-5	>= 0.0 - < 5.0%	Distillates (petroleum), hydrotreated heavy naphthenic

4. First-Aid Measures

Description of first aid measures

General advice:

First aid personnel should pay attention to their own safety. Remove contaminated clothing.

If inhaled:

Remove the affected individual into fresh air and keep the person calm. If breathing difficulties develop, aid in breathing and seek immediate medical attention.

If on skin:

Wash thoroughly with soap and water. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting due to aspiration hazard. Do not induce vomiting unless told to by a poison control center or doctor.

Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Hazards: No applicable information available.

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Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:
dry powder, alcohol-resistant foam

Unsuitable extinguishing media for safety reasons:
water jet

Special hazards arising from the substance or mixture

Hazards during fire-fighting:
carbon dioxide, carbon monoxide, harmful vapours, nitrogen oxides, fumes/smoke, carbon black

Advice for fire-fighters

Protective equipment for fire-fighting:
Wear a self-contained breathing apparatus.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Containers may rocket or explode in heat of fire. Keep containers cool by spraying with water if exposed to fire. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Avoid prolonged inhalation. Avoid contact with the skin, eyes and clothing. Avoid all sources of ignition: heat, sparks, open flame.

Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

For large amounts: Pump off product.
For residues: Pick up with inert absorbent material (e.g. sand, earth etc.). Correctly dispose of recovered product immediately.

7. Handling and Storage

Precautions for safe handling

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Take precautionary measures against static discharges. Keep away from sources of ignition - No smoking. Provide good room ventilation even at ground level (vapours are heavier than air).

Protection against fire and explosion:

Sources of ignition should be kept well clear. Take precautionary measures against static discharges. Substance/product can form explosive mixture with air. Vapours are heavier than air and may accumulate in low areas and travel a considerable distance up to the source of ignition.

Conditions for safe storage, including any incompatibilities

Segregate from foods and animal feeds.

Further information on storage conditions: Keep container tightly closed and in a well-ventilated place. Keep away from heat. Avoid all sources of ignition: heat, sparks, open flame.

8. Exposure Controls/Personal Protection

Components with occupational exposure limits

1,2,4-trimethylbenzene	OSHA PEL ACGIH TLV	TWA value 25 ppm 125 mg/m ³ ; TWA value 25 ppm ;
mesitylene	OSHA PEL ACGIH TLV	TWA value 25 ppm 125 mg/m ³ ; TWA value 25 ppm ;
calcium oxide	OSHA PEL ACGIH TLV	PEL 5 mg/m ³ ; TWA value 5 mg/m ³ ; TWA value 2 mg/m ³ ;
Asphalt	ACGIH TLV	TWA value 0.5 mg/m ³ Inhalable fraction (benzene solubles);
talc	OSHA PEL ACGIH TLV	TWA value 2 mg/m ³ Respirable dust ; TWA value 20 millions of particles per cubic foot of air ; TWA value 2.4 millions of particles per cubic foot of air Respirable ; The exposure limit is calculated from the equation, $250/(\%SiO_2+5)$, using a value of 100% SiO ₂ . Lower percentages of SiO ₂ will yield higher exposure limits. TWA value 0.1 mg/m ³ Respirable ; The exposure limit is calculated from the equation, $10mg/m^3/(\%SiO_2+2)$, using a value of 100% SiO ₂ . Lower percentages of SiO ₂ will yield higher exposure limits. TWA value 2 mg/m ³ Respirable fraction ; The value is for particulate matter containing no asbestos and <1% crystalline silica.
Benzene, trimethyl-	OSHA PEL ACGIH TLV	TWA value 25 ppm 125 mg/m ³ ; TWA value 25 ppm ;
Solvent naphtha (petroleum), light arom.	OSHA PEL	PEL 100 ppm 400 mg/m ³ ; TWA value 100 ppm 400 mg/m ³ ;

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Stoddard solvent	OSHA PEL	PEL 500 ppm 2,900 mg/m3 ; TWA value 100 ppm 525 mg/m3 ;
	ACGIH TLV	TWA value 100 ppm ;
Distillates (petroleum), hydrotreated heavy naphthenic	OSHA PEL	PEL 500 ppm 2,000 mg/m3 ; PEL 5 mg/m3 Mist ; TWA value 5 mg/m3 Mist ;
	ACGIH TLV	TWA value 5 mg/m3 Inhalable fraction ; ; Exposure by all routes should be carefully controlled to levels as low as possible. ; Included in the regulation, but with no data values - See the regulation for further details

Advice on system design:

No applicable information available.

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

Hand protection:

Wear chemical resistant protective gloves.

Eye protection:

Safety glasses with side-shields.

Body protection:

Body protection must be chosen based on level of activity and exposure., Antistatic apron

General safety and hygiene measures:

Avoid inhalation of dusts/mists/vapours. Avoid contact with the skin, eyes and clothing. Avoid prolonged and/or repeated contact with the skin. Handle in accordance with good building materials hygiene and safety practice. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

9. Physical and Chemical Properties

Form:	slightly viscous	
Odour:	aromatic	
Odour threshold:	No applicable information available.	
Colour:	black	
pH value:	not applicable	
Freezing point:	No data available.	
boiling temperature:	approx. 153 °C	
Sublimation temperature:	No applicable information available.	
Flash point:	49 °C	(ASTM D93)
Flammability:	Flammable.	
Lower explosion limit:	0.9 %(V)	
Upper explosion limit:	7.0 %(V)	
Autoignition:	Study does not need to be conducted.	

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Vapour pressure:	approx. 8 mmHg (25 °C)
Density:	approx. 10.3 lb/USg (70 °F) approx. 1.23 g/cm ³ (20 °C)
Relative density:	No applicable information available.
Bulk density:	900 - 1,600 kg/m ³
Vapour density:	Heavier than air.
Thermal decomposition:	Vapours may form explosive mixture with air. No decomposition if stored and handled as prescribed/indicated.
Viscosity, dynamic:	No applicable information available.
Viscosity, kinematic:	No applicable information available.
Solubility in water:	(20 °C) slightly soluble
Miscibility with water:	(20 °C) not soluble
Solubility (quantitative):	No applicable information available.
Solubility (qualitative):	No applicable information available.
Evaporation rate:	No applicable information available.
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.

10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties:
not fire-propagating

Chemical stability

Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

Conditions to avoid

Avoid all sources of ignition: heat, sparks, open flame.

Incompatible materials

strong oxidizing agents

Hazardous decomposition products

Decomposition products:
No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:
Vapours may form explosive mixture with air. No decomposition if stored and handled as prescribed/indicated.

11. Toxicological information

Primary routes of exposure

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Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single skin contact. Virtually nontoxic after a single ingestion. Virtually nontoxic by inhalation. Based on available Data, the classification criteria are not met.

Oral

No applicable information available.

Inhalation

No applicable information available.

Dermal

No applicable information available.

Assessment other acute effects

No applicable information available.

Irritation / corrosion

Assessment of irritating effects: Skin contact causes irritation. May cause severe damage to the eyes.

Sensitization

Assessment of sensitization: Based on available Data, the classification criteria are not met.

Aspiration Hazard

May also damage the lung at swallowing (aspiration hazard).

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: Repeated exposure may affect certain organs. The product has not been tested. The statement has been derived from the properties of the individual components.

Genetic toxicity

Assessment of mutagenicity: Capable of causing genetic defects. The product has not been tested. The statement has been derived from the properties of the individual components.

Carcinogenicity

Assessment of carcinogenicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Reproductive toxicity

Assessment of reproduction toxicity: May impair fertility. May cause harm to the unborn child. The product has not been tested. The statement has been derived from the properties of the individual components.

Teratogenicity

Assessment of teratogenicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Other Information

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Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

12. Ecological Information

Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

Acutely harmful for aquatic organisms. May cause long-term adverse effects in the aquatic environment. The product has not been tested. The statement has been derived from the properties of the individual components.

Persistence and degradability

Assessment biodegradation and elimination (H₂O)

Poorly biodegradable. The product has not been tested. The statement has been derived from the properties of the individual components.

Mobility in soil

Assessment transport between environmental compartments

The substance will not evaporate into the atmosphere from the water surface. Adsorption to solid soil phase is expected.

Additional information

Other ecotoxicological advice:

Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

13. Disposal considerations

Waste disposal of substance:

Observe national and local legal requirements. Residues should be disposed of in the same manner as the substance/product.

14. Transport Information

Land transport

USDOT

Hazard class:	3
Packing group:	III
ID number:	UN 1263
Hazard label:	3
Proper shipping name:	PAINT (contains SOLVENT NAPHTHA)

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Sea transport

IMDG

Hazard class: 3
Packing group: III
ID number: UN 1263
Hazard label: 3
Marine pollutant: NO
Proper shipping name: PAINT

Air transport

IATA/ICAO

Hazard class: 3
Packing group: III
ID number: UN 1263
Hazard label: 3
Proper shipping name: PAINT

15. Regulatory Information

Federal Regulations

Registration status:

Chemical TSCA, US released / listed

TSCA § 5(a) proposed Significant New Use Restriction (SNUR)
40 CFR 721.10789

EPCRA 311/312 (Hazard categories): Refer to SDS section 2 for GHS hazard classes applicable for this product.

EPCRA 313:

<u>CAS Number</u>	<u>Chemical name</u>
95-63-6	1,2,4-trimethylbenzene

<u>CERCLA RQ</u>	<u>CAS Number</u>	<u>Chemical name</u>
100 LBS	1330-20-7; 8052-42-4	Xylene; Asphalt

State regulations

State RTK

<u>State RTK</u>	<u>CAS Number</u>	<u>Chemical name</u>
PA	95-63-6	1,2,4-trimethylbenzene
	108-67-8	mesitylene
	1305-78-8	calcium oxide
	8052-42-4	Asphalt
	14807-96-6	talc
	25551-13-7	Benzene, trimethyl-
	64742-95-6	Solvent naphtha (petroleum), light arom.
	8052-41-3	Stoddard solvent
	64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic
	NJ	95-63-6
1305-78-8		calcium oxide
14807-96-6		talc
64742-95-6		Solvent naphtha (petroleum), light arom.
8052-41-3		Stoddard solvent

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64742-52-5

Distillates (petroleum), hydrotreated heavy naphthenic

Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:

WARNING: This product can expose you to chemicals including BENZENE, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

NFPA Hazard codes:

Health: 3 Fire: 2 Reactivity: 0 Special:

16. Other Information

SDS Prepared by:

BASF NA Product Regulations
SDS Prepared on: 2018/06/07

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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