

# SAFETY DATA SHEET

according to Regulation (EC) No. 1272/2008

## Hotspot Black Grate Polish

Ref 471/11

Version 2.0

Revision Date 25/10/16

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

Commercial name : Hotspot Black Grate Polish  
Product type : Stove & Grate Polish  
Intended / Recommended Use : Blackening stoves  
Manufacturer Name and address : HYDRACHEM LTD  
Gillmans Industrial Estate  
Billingshurst  
RH14 9EZ  
U.K.  
www.hotspotonline.co.uk

Emergency telephone number : +44 (0) 1403 787700 ( Mon-Fri 9:00am to 5:00pm)

### 2. Hazards identification

#### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Flam. Sol. 2 - H228

Human health EUH066;STOT SE 3 - H336

Environment Not classified.

#### 2.2. Label elements

Label In Accordance With (EC) No. 1272/2008



Signal Word - Warning

Hazard Statements

H228 Flammable solid.

H336 May cause drowsiness or dizziness.

Precautionary Statements

P102 Keep out of reach of children. P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P261 Avoid breathing vapour/spray.

P331 Do NOT induce vomiting.

In case of fire, use carbon dioxide (CO2) or dry chemical extinguisher. Do not use water.

Supplemental label information

EUH066 Repeated exposure may cause skin dryness or cracking.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name	Range	EINECS	CAS	OEL	Classification
HYDROCARBONS, C9 - C11, n-alkanes, isoalkanes, cyclics, <2% aromatics.	<25%	919-857-5	64742-48-9		Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336 Asp. Tox. 1 - H304
Water	<50%		7732-18-5		Non Hazardous
Nonylphenol, ethoxylate, branched	<3%	500-209-1	68412-54-4		Acute toxicity (Oral) Category 4 - H302 Serious eye damage/eye irritation Cat. 1 - H318 Chronic aquatic toxicity Category 2 - H411
Carbon Black	<20%	215-609-9	1333-86-4		Not defined as a dangerous substance or preparation according to Council Directive 67/548/EEC and its various amendments and adaptations
Graphite	<10%	231-955-3	7782-42-5		Non Hazardous
A complex mixture of hydrocarbon waxes	<20%	265-134-6	8021-55-4		Non Hazardous
1,2-Benzisothiazolin-3-one	<0.04%	220-120-9	2634-33-5		Acute Tox.4; H302 Skin Irrit.2; H315 Eye Dam.1; H318 Skin Sens.1; H317 Aquatic Acute1; H400
Sodium hydroxide	<0.02%	215-185-5	1310-73-2		Skin Corr.1A; H314

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.  
REACH Registration notes This is a MIXTURE; no registration information contained in this document .

#### 4. First aid measures

EYE	Immediately flush eye(s) with plenty of water. If symptoms persist, call a physician.
SKIN	Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.
INGESTION	Rinse mouth with water. Do Not induce vomiting. Call a physician immediately.
INHALATION	Move to fresh air. If symptoms persist, call a physician.

#### 5. Firefighting measures

SUITABLE EXTINGUISHERS:	Carbon dioxide (CO2) Water spray jet, Dry powder, Foam
Extinguishers Not To Be Used:	High volume water jet
SPECIAL EQUIPMENT:	In case of fire of large quantities of product, self contained breathing apparatus should be worn.
HAZARDOUS COMBUSTION PRODUCT:	Hydrogen fluoride Carbon dioxide (CO2) Carbon monoxide. The product itself does not burn.
EXPOSURE HAZARDS:	
Further information : In case of fire do not inhale smoke, conflagration gases and steams.	
Use water spray to cool unopened containers.	
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.	

#### 6. Accidental release measures

PERSONAL PRECAUTIONS:	Evacuate personnel to safe areas. Use personal protective equipment. Ventilate the area.
ENVIRONMENTAL PRECAUTIONS:	Do not discharge to streams, ponds, lakes or sewers. Avoid subsoil penetration.
METHODS FOR CLEANING UP:	Contain the spilled liquid with sand or an inert absorbent material. Transfer used material to a suitable waste container and dispose of in accordance with local regulations.

## 7. Handling and storage

HANDLING:	Avoid contact with skin, eyes and clothing. Do not spray on a naked flame or any incandescent material.
STORAGE:	To avoid thermal decomposition, do not overheat. Thermal decomposition can lead to release of irritating gases and vapours.

## 8. Exposure controls/personal protection

Respiratory Protection:	Use only in area provided with appropriate exhaust ventilation.
Hand Protection:	Impervious gloves, Wash hands before breaks
Eye Protection:	Wear safety glasses or coverall chemical splash goggles.
Skin Protection:	Lightweight protective clothing
OCCUPATIONAL EXPOSURE LIMITS	None assigned for this product.
ENVIRONMENTAL EXPOSURE CONTROLS:	Not required in normal use.

## 9. Physical and chemical properties

Appearance :	Black Paste
Odour :	Petroleum Solvent
Flash point :	41°C Abel Closed Cup
Ignition temperature :	Not Available
Lower explosion limit :	Not Available
Upper explosion limit :	Not Available
Flammability (solid, gas) :	Not Available
Oxidizing properties :	Not Available
Autoignition temperature :	230°C
pH :	Not Available
Melting point :	Not Available
Boiling point :	Approximately 180 °C
Vapour pressure :	Not Available
Density :	Not Available
Water solubility :	Not Available
Partition coefficient: n- octanol/water :	Not Available
Solubility in other solvents :	Not Available
Viscosity, dynamic :	Not Available
Viscosity, kinematic :	Not Available
Relative vapour density :	Not Available
Evaporation rate :	Not Available
Other information Oxidising potential :	Not Available

## 10. Stability and reactivity Note: no data available

Reactivity	Stable under recommended storage conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions Hazardous reactions :	No dangerous reaction known under conditions of normal use.
Conditions to avoid Conditions to avoid :	not applicable
Incompatible materials Materials to avoid :	not applicable
Hazardous decomposition products Thermal decomposition :	No decomposition if stored and applied as directed. Incompletely burned carbon products Other hazardous decomposition products may be formed.

## 11. Toxicological information

Acute oral toxicity: No data is available on the product itself.

Skin corrosion/irritation : Skin irritation : Prolonged skin contact may cause skin irritation.

Serious eye damage/eye irritation Eye irritation: Contact with eyes may cause irritation.

Respiratory or skin sensitization

Sensitisation: No known sensitising effect.

Further information:

If used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

**12. Ecological information**

Ecotoxicity

No data is available on the product itself

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

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**13. Disposal considerations**

Contents: Under conditions of expected use the product will be disposed of at the end of its life into the normal domestic refuse system No adverse effects are expected.

Large quantities should be disposed of in accordance with local regulations.

Empty Containers: Dispose of in accordance with local regulations.

Product packaging may be recycled where facilities are available.

**14. Transport information**

14.1. UN number

UN No. (ADR/RID/ADN) 1325

UN No. (IMDG) 1325

UN No. (ICAO) 1325

14.2. UN proper shipping name

Proper Shipping Name FLAMMABLE SOLID, ORGANIC, N.O.S.

14.3. Transport hazard class(es)

ADR/RID/ADN Class 4.1

ADR/RID/ADN Class Class 4.1: Flammable solids.

ADR Label No. 4.1

IMDG Class 4.1

ICAO Class/Division 4.1

Transport Labels



#### 14.4. Packing group

ADR/RID/ADN Packing group III

IMDG Packing group III

ICAO Packing group III

#### 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

#### 14.6. Special precautions for user

EMS F-A, S-i

### 15. Regulatory information

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

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

National Regulations

Workplace Exposure Limits 2005 (EH40)

Authorisations (Title VII Regulation 1907/2006)

No specific authorisations are noted for this product.

Restrictions (Title VIII Regulation 1907/2006)

No specific restrictions of use are noted for this product.

Water hazard classification

WGK 1

#### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

### 16. Other information Full text of R-phrases referred to under sections 2 and 3

Hazard Statements In Full

EUH066 Repeated exposure may cause skin dryness or cracking.

H228 Flammable solid.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

Disclaimer:

The information contained in this data sheet is, to the best of our knowledge and belief, and is based upon our technical knowledge of the product and accurate the date of issue.

No warranty or representation, express or implied, is made as to its accuracy, reliability or completeness.

HYDRACHEM Ltd will not be responsible for any damage or injury resulting from any inherent hazard of the material, the abnormal use of the material or from failure to adhere to recommendation.