



Expert  
manufacturer of  
polishing solutions.

# Material safety data sheet

In accordance with european norm N° 1907/2006 (REACH)

MSDS- HRA 20

Date :  
26/06/2014

## HRA 20

### 1 - IDENTIFICATION OF PRODUCT AND COMPANY

**Product name :** HRA 20  
**Use of product :** Polishing

**Manufacturer :** MERARD CAUILLAUDIN SAS  
540 Impasse des Prairies – Z.I. Nord – 69400 ARNAS  
Tél : +33 (0)4.74.02.73.73 Fax : +33 (0)4.74.02.73.88  
[export@merard.fr](mailto:export@merard.fr) [www.merard.com](http://www.merard.com)

**Emergency telephone :** Contact the nearest anti-poison center.

### 2 – POSSIBLE HAZARDS

**Hazards for the health:** No particular hazard during a normal use of the product.  
A contact with the eyes may result in irritations.

**Hazards for the environment:** The available information about the preparation's components leads to think that the product is not dangerous for the environment.

### 3 – COMPOSITION / INFORMATION ON THE COMPONENTS

**General description :** Preparation made with abrasive substances  
**Dangerous substances :** None but may generate smoke or dust in some using conditions

chimique ou synonyme	CAS Number	EINECS Number	% weight	Risks
Metal Oxyde in powder :	1344-28-1	215-691-6	> 60	None
Alumina				

Maximum professional exposure limits are mentionned Section 8.

### 4 – FIRST AID AND MEASURES

**General advice :** Medical attention is only required after eye contact. No delayed effects

**Inhalation :** Vapors may result in irritations. Bring the person to fresh air and call a doctor if necessary.  
**Ingestion :** If a large quantity has been ingested, call a doctor.

**Contact with the skin:** Wash with plenty of soap and water. In case of irritation, call a doctor.  
**Contact with the eyes:** Flush with water for 20 mn keeping the eyes wide opened and taking off the soft contact lenses. Consult a doctor immediately.

### 5 – FIRE FIGHTING MEASURES

**Appropriate extinguishing agents:** Powder, anti-alcohol foam, sprayed water, carbonic anhydride.

**Extinguishing agents NOT TO BE USED** None

**Special equipment :** A fire may emit some noxious gas. Use a suitable and autonomous respirator as well as a protective clothing.



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### 6 – ACCIDENTAL RELEASE MEASURES

- Individual precautions:** Avoid contact with the eyes.
- Ecology-friendly precautions:** Avoid the contamination of the drains, surface and underground waters.
- Cleansing methods:** Scoop up the product into appropriate tanks that will be eliminated according to official regulations.

### 7 - HANDLING AND STORAGE

- Handling :** Avoid contact with the eyes. Avoid production of dust and smoke. Wash one's hands after using the product.
- Storage :** Store in a fresh and dry place.

### 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Maximum Exposure Limits:**

**Available for some compound in France :**

Compound	CAS Number	Maximum exposure limits for France	
inhalable dust	-	MEL : 10 mg/m <sup>3</sup>	MEL : -
Alveolar dust	-	5 mg/m <sup>3</sup>	-

- Personal protection:** Use a suitable and autonomous respirator type FFP3 in case of dust production.
- Hygiene's measures :** Do not eat, drink or smoke while working.

### 9 – CHIMICAL AND PHYSICAL PROPERTIES

- Form: solid at ambient temperature
- Color: white
- Odor: light
- pH value at 20°C: N/A
- Boiling / distance point: non-specified
- Fusion / distance point: 41 à 48°C
- Flash point: N/A
- Ignition: N/A
- Self-ignition: non-specified
- Explosion hazard: N/A
- Vapor pressure: N/A
- Relative density: non-specified
- Solubility into water: insoluble
- Coeff. of division n-octanol/water : non specified



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### 10 – STABILITY AND REACTIVITY

**Stability:** Stable in normal conditions

**Incompatible conditions:** Keep away from hot source (fusion)

**Incompatible materials:** None

**Dangerous decomposition products :** None

### 11 – TOXICOLOGICAL INFORMATION

No data about the preparation itself is known.

Datas about the compounds present in the preparation:

#### Known effects

#### **Acute toxicity:**

DL50/oral/rat : >2g/kg

Cutaneous irritation/rabbit : may be irritating in case of long contact with the skin or the eyes

**No sensitizing action.**

### 12 – ECOLOGICAL INFORMATION

No eco-toxicological information is known for this preparation but some datas are available for some components.

#### **Ecotoxicity :**

Towards fishes                      Towards daphnias                      Towards seaweeds                      **Other indications**

CL50

>1000mg/l/48h

Product insoluble in water and so easily separable

**Degradation:** shall be easily biodegradable.

**Various noxious effects :** No effect upon the ozone layer or contribution to the global warming.

### 13 – DISPOSAL CONSIDERATIONS

**Waste/non used products :** Disposal and treatment according to local regulations.

**Contaminated packaging :** Disposal and treatment according to local regulations.

### 14 – TRANSPORT INFORMATION

Non hazardous product according to ADR, RID, IMDG, and ICAO/IATA regulations.



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### 15 – REGULATORY INFORMATION

**According to UE regulations : Non hazardous product according to European regulations.**

Risk symbols: None

Risk phrases : None

Safety phrases : None

### 16 – OTHER INFORMATION

We warrant our goods to conform to our standard specifications. This Warranty is in lieu of any and all other warranties or guarantees and our obligation hereunder for breach of such warranty is limited to either refund of the purchase price or replacement of said goods as we may elect. We believe that the statements, technical information, and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind except as specified above.

Beyond that specified above, we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of the use of, or inability to use, our goods. Their quality and suitability for any particular purpose or use should be confirmed by the user's own tests. The product will remain fit for use for a minimum of five years provided normal care is taken to ensure appropriate storage conditions and that any special storage conditions given on the product labels are adhered to at all times.