1.1 Product Identifier

Product Name: HD Degreasant Powder
Product No.: BB100
Synonyms, Trade Names: HD Degreasant Powder
Uses advised against: Aluminium, zinc, items

1.2 Details of the supplier of the Safety Data Sheet

Supplier: A&R Chemical Services
Duchess Street Industrial Estate
Shaw
OL2 7UT
Tel/Fax: 01706 558982
Email: ar.chemicalservices@yahoo.com

1.3 Emergency Telephone Number
Tel: 01270 502891 (UK transport emergencies only)

2.1 Classification of the substance or mixture
Classification (EC 1272/2008) H315/H319  H412

2.2 Label Elements

Labels in Accordance with (EC) No 1272/2008

Signal Word Danger
Hazard Statements

H315 / H319  Causes skin irritation/causes serious eye irritation
H332      Harmful if inhaled
H412      Harmful to aquatic life with long lasting effects

Precautionary Statements

P262  Do not get in eyes, on skin, or on clothing
P305 / P351 / P338  If in eyes rinse cautiously with water for several minutes
remove contact lenses, if present and easy to do. Continue rinsing
P102 Keep out of reach of children.
P301 / P330 / P331 If swallowed rinse mouth do not induce vomiting
P232  Protect from moisture

2.3 Other Hazards
Not Classified as PBT/vPvB by current EU Criteria

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

<table>
<thead>
<tr>
<th>Cas No</th>
<th>EINECS no</th>
<th>Materials</th>
<th>Hazard</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>7601-54-9</td>
<td>231-509-8</td>
<td>Trisodium Orthophosphate</td>
<td>H315 /H 319</td>
<td>25-30 %</td>
</tr>
<tr>
<td>497-19-8</td>
<td>207-838-8</td>
<td>Sodium Carbonate</td>
<td>H319</td>
<td>30-60%</td>
</tr>
<tr>
<td>6834-92-0</td>
<td>229=912-9</td>
<td>Disodium metasilicate</td>
<td>H314</td>
<td>20-25%</td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

4.1 Description of the first aid measures

Inhalation- Remove exposed person from source of exposure to fresh air at once. Seek medical advice if effects persist

Ingestion- Remove Product from mouth, give the casualty a small quantity of water to drink and seek medical advice. Do not induce vomiting

Skin contact
Skin irritation. Prolonged skin contact may cause redness and irritation
**Eye Contact**- Rinse immediately with plenty of water, holding eyelids open. Continue to rinse for at least 15 minutes. Get medical advice if effects persist.

**SECTION 5: FIREFIGHTING MEASURES**

Substance does not itself represent a fire hazard. In the event of a fire from other causes the product is compatible with: Water, Carbon Dioxide (CO2) extinguisher, foam extinguisher, Dry Powder Extinguisher. May evolve toxic fumes if involved in a fire. Fire fighters should wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Prevent eye and skin contact. Wear suitable gloves and eye protection.

**Disposal Consideration:** Sweep up and dispose of safely as solid waste. Hose down area with plenty of water. Do not allow to enter drains/sewers/ water courses. Dispose of in accordance with local authority regulations.

**SECTION 7: HANDLING AND STORAGE**

**Handling:** Avoid contacts with eyes and skin. Prevent the formation of dust.

**Storage:** Store in original container. Avoid extremes of temperature. Do not mix with any other chemicals.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Hands:** Use rubber or chemical resistant gloves. BS EN 374

**Eyes:** Personal protection is not normally required unless a risk assessment indicates the need for it.

**Skin:** Personal protection is not normally required unless a risk assessment indicates the need for it.

**Respiration:** Personal protection is not normally required unless a risk assessment indicates the need for it.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**
Appearance: granular powder

Colour Yellow

Odour None

Solubility Soluble in water

Initial boiling point N/A

Melting point N/A

Relative density 0-9

pH-Value 1% solution 10-11

Flash point N/A

SECTION 10: STABILITY AND REACTIVITY

Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products.

SECTION 11: TOXICOLOGICAL INFORMATION

Ingestion: Irritant

Skin contact: Irritant

Eye contact: Irritant

Inhalation: Irritant

SECTION 12: ECOLOGICAL INFORMATION

Ingredients according to EC 648/2004

More than 25%: Phosphate

When used for its intended purpose this product should not cause an adverse effect in the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

This product is not classified as hazardous waste under the special waste (amendment) regulations (SI 1996/2019). For disposal contact a licensed waste management company. Rinse out container at least twice in water and recycle if facilities exist or dispose of as commercial waste. European waste catalogue: 20 01 29
SECTION 14: TRANSPORT INFORMATION

**EEC Regulations:** Not regulated

**IMDG/UN:** Not regulated

**ADR/RID:** Not regulated

**ICAO/IATA:** Not regulated

SECTION 15: REGULATORY INFORMATION

**Hazard Symbol:** Xi, IRRITANT

**Risk phrases:**
- **H315/319** Irritating to eyes and skin irritation
- **H412** Harmful to aquatic organisms, may cause long-term effects in the aquatic environment

**Safety Phrases:**
- **P403/404** Keep container in well-ventilated place
- **P305/351/338** In case of contact with eyes, rinse immediately With plenty of water and seek medical advice.
- **P281** Wear suitable gloves
- **P273** Avoid release to the environment. Refer to special Instructions/safety data sheet.

SECTION 16: OTHER INFORMATION

Handle and apply only as recommended, for full information see product label. This information is intended to describe the product in terms of health and safety and environmental requirements for the purpose of safe handling. This information does not comprise a performance or technical specification. Users are responsible for safe working. See regulations 6 of control of substances hazard to health regulations.

Text of risk phrases associated with ingredients listed in section 2

**H302** Harmful if swallowed

**H319** Irritating to eyes
H319/332  Irritating to eyes and respiratory system
H319/312  Irritating to eyes and skin
H412     Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment