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SECTION1: identification of the substance/mixture and the company/undertaking

1.1 Product identifier

Product name Heavy Duty Degreaser powder
Product number BB100-10

1.2 Relevant identified use of the substance/mixture and use advised against

identified uses

1.3 Details of the supplier of the safety data sheet

supplier Jangro Limited
 Jangro House
 Worsley Road
 Farnworth
 Bolton
 B14 9LU
 Tel. 0845 458 5223

1.4 Emergency Tel: 01270 502891 (UK transport emergencies only)
 Tel: 0121 5075122

SECTION2: Hazards identification

2.1 Classification of the substances or mixture

Classification (EC1272/2008) H315/H319 H412

Physical hazards not classified
Health hazards skin Corr. 1B-H314 Eye Dam. 1-H318 STOT SE 3-H335
Environmental hazards Aquatic Chronic 3-H412

label elements

pictogram 

signal word Danger

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Hazard Statements H314 Cause severe skin burns and eye damage
 H332 Harmful if inhaled
 H412 Harmful to aquatic life with long lasting
Precautionary statements P102 Keep out of reach of children
 P260 Do not breath dust
 P264 Wash contaminated skin thoroughly after handling
 P280 Wear protective gloves/protective clothing/ eye protection/face protection
 P301+P330+P331 IF SWALLOWED: Rinse mouth . Do NOT induce vomiting
 P303+P361+P353 IF ON SKIN (or Hair): Take off immediatly all contaminated clothing
 Rinse skin with water/shower
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing
 P305/P351/P338 IF in eyes rinse cautiously with water for several minutes remove
 contact lenses, if present and easy to do so. Continue rinsing
 P363 Wash contaminated clothing before use
 P310 calll poison centre /doctor
 P405 store locked up
 P501 Dispose of contents/container in accordance with local regulations

Supplemental Label information

Contains

2.3 Other hazards

This product does not contain any substances classified as PBT or vPvb

SECTION 3: Composition of ingrediants

3.2 Mixtures

SODIUM CARBONATE 30-60%

cas number: 497-19-8 EC number:207-838-8

Classification Classification (67/548/EEC or 1999/45/EC)

Eye irrit. 2-H319 Xi;R36

DISODIUM METASILICATE 20-25%

cas number 6834-92-0 EC number 229-912-9

Classification Classification (67/548/EEC or 199/45/EC)

Skin Corr.1B-H314 C:R34 Xi;R37

Eye Dam. 1-H318

STOT SE 3 H335

TRISODIUM (ORTHO) PHOSPHATE 25-30%

cas number 10101-89-0

classification

skin irrit.2-H315

Eye irrit.2-H319

STOT SE 3-H335

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SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation Move affected person to fresh air at once. Get medical immediately
Ingestion Remove product from mouth, give small quantity of water to drink and obtain immediate medical attention. **DO NOT INDUCE VOMITING**
Skin contact Wash with plenty of water. Get medical attention promptly if symptoms occur after washing
Eye contact Rinse immediatly with plenty of water for atleast 10 minutes . Remove any contact lenses and open eyelidswide apart. Get medical attention immediatly. Continue to rinse

SECTION 5 fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media The product is not flammable. Use fire extinguishing media suitable for surronding fire

5.2 special hazards arising from the substance or mixture

Specific hazards Thermal decomposition or combustion products may include the following substance: irritating vapour or gases

5.3 Advice for firefighters

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing

SECTION 6: Accidental release measure

6.1 Personal precautions, protective equipment procedures

Personal precautions Wear protective clothing, gloves, eye and face protection.Avoid inhalation of dust. For personal protection, see Section 8

6.2 Environmental precautions

Environmental precautions This product is dangerous for the environment: spillages or uncontrolled discharges into water course must be reported immediatly to the environment agency or other appropriate regulatory body

6.3 methods and material for containment and cleaning

methods for cleaning up Small spillages: Flush away spillage with plenty of water. Large spillages:collect using special dust vacuum cleaner with particle filter or carefully sweep into powder suitable waste disposal containers and seal securely

6.4 Reference to other sections

Reference to other sections For personal protection, see section 8

SECTION 7: Handling and storage

7.1 precautions for safe handling

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Usage precaut+A149:G167 Wear protective clothing, Gloves, eye and face protection. Avoid inhalation of dust. Do not mix with other chemical

7.2 Conditions for safe storage, including any incompatibles

Storage precatons Store in tightly closed, original container in a dry, cool and well-ventilated place

7.3 Specific use

specific use(s) The identified uses for this product are detailed in section 1.2

Usage description see product information sheet and lable for directions of use

SECTION 8: exposure controls/personal protection

8.1 control parameters

occupational exposure limits

SODIUM CARBONATE
 Long term exposure limit (8-hour TWA): WEL 5mg/m3

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8.2 Exposure controls

Protective equipment Gloves, Eye/face protection
Appropriate engineering controls Use mechanical ventillation if there is a risk of handling causing formation of airbourne dust

Eye/ face protection The following protection should be worn: Chemical splash goggles or face shield

Hand protection Wear protective gloves.(rubber or chemical resistant)

Other skin and body protection Wear appropriate clothing to prevent any possibility of skin contact

Respiratory protection Respiratory protection not required

SECTION 9: Physical and chemical propeties

9.1 Information on basic physical and chemical propeties

Apperance Granules Powder

Colour yellow

Odour None

pH pH (diluted solution): 10-11

Melting point Not applicable

Initial boiling point Not applicable

Flash point Not applicable

Relative density 0-9

Solubilty Soluble in water

9.2 Other information

Other infomation None

SECTION 10: Stability and reactivity

10.1 Reactivity

Reactivity Reacts violently with strong acids.

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10.2 Chemical stability

stability No particular stability concerns

10.3 Possibility of hazardsous reaction

Possibility of hazardous reaction see section 10.1, 10.4 & 10.5

10.4 conditions to avoid

Conditions to avoid

10.5 incompatible materials

Materials to avoid Strong acids.

10.6 Hazardous decomposition products

Hazardous decomposition products

SECTION 11: Toxicological information

INGESTION will burn mouth, throat & respiratory tract

SKIN CONTACT Severe irritation & possible burn

EYE CONTACT Will burn eye tissue if not rinsed immediatly

INHALATION Inhalation of use solution in spray mist will cause irritation to respiratory tract

SECTION 12: Ecological information

ingrediants according to EC 648/2004

More than 5% Phosphates

less than 5% nonionic surfactants

when used correctly this product should not cause an adverse effect in the environment

SECTION 13: Disposal consideratrimon

13.1 Waste treatment methods

Disposal methods This product is classified as hazardous waste under the special waste (amendment) regulations (SI1996/2019). For disposal contact a licensed waste management company

Rinse out containers atleast twice and recycle if facilities exist or dispose of as comercial waste. European waste catalogue

SECTION 14: TRANSPORT INFORMATION

EEC Regulation : Corrosive solids, NOS (Disodium metasilicate), UN1759, Hazchem2x

IMDG/UN: Corrosive solid, NOS (Disodium metasilicate), UN1759, Class 8 PG111

ADR/RID: CLASS 8

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SECTION 15: Regulatory information

NATIONAL REGULATIONS: The chemical (Hazardv information and packaging for supply) Regulations 2009 (SI2009 No.716)

Guidance WPEL EH40

CHIP for everyone HSG228

Safety data sheet for substances and preparations approved classification and labelling guide L131

SECTION 16 Other information

Handle and apply only as recommended. For full information see product lable. This 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 regulation 6 of control of substances hazardous to health regulations

Hazards statements in full H302 Harmful if swallowed

H314 Causes severe skin burns and eye damage

H315 Causes skin irritation

H319 Causes serious eye irritation

H319/332 irritating to eyes and respiratory system

H319/312 irritating to eyes and skin

H318 Cause severe eye damage