PRODUCT INFORMATION SHEET

SAS 20
SPOT AND STAIN REMOVER

Rapidly breaks down stains
Suitable for all carpets and upholstery.
Ready to use formulation for ease of use.

USES
An effective spot and stain remover that has been formulated to dissolve grease and oil quickly.
A thin, clear liquid SAS 20 crystallises grease and oil, enabling it to be brushed or vacuumed away.
Suitable for removing spots and stains on all types of carpet and upholstery that are not water-sensitive.

DIRECTIONS
Carefully remove excess soil by gently scraping it away or absorb onto cloth or paper. Spray the area with SAS20.
Blot with a clean, white absorbent cloth, paper or sponge then allow to dry. Once dry, vacuum or brush away.

750 ml
SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: SAS20
Product code: 442
Supplier: Hugh Crane (Cleaning Equipment) Ltd
South Walsham Road, Acle
Norwich NR13 3ES
Telephone: 01493 750072  Fax 01493 751854
Emergency tel: NHS Direct:0845 4647, NHS24:0845 242424, ROI:018092166

Relevant Identified Uses Of The Substance Or Mixture And Uses Advised Against
Use of substance / mixture: PC35: Washing and cleaning products (including solvent based products).

2. HAZARDS IDENTIFICATION

Classification Of The Substance Or Mixture
Classification under CLP: Eye Dam. 1: H318

Label elements
Hazard statements: H318: Causes serious eye damage.
Signal words: Danger
Hazard pictograms: GHS05: Corrosion

Precautionary statements:
P102  Keep out of reach of children.
P280  Wear eye protection.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313 If eye irritation persists: Get medical attention.

Other hazards: This product is not identified as PBT/vPvB substance.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures
Hazardous ingredients:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>EINECS</th>
<th>CAS</th>
<th>REACH Reg No.</th>
<th>CLP Classification</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-BUTOXYETHANOL</td>
<td>203-905-0</td>
<td>111-76-2</td>
<td>01-2119475108-36-XXXX</td>
<td>Acute Tox. 4: H332 Acute Tox. 4: H312 Acute Tox. 4: H302 Eye Irrit. 2: H319 Skin Irrit. 2: H315</td>
<td>1-10%</td>
</tr>
<tr>
<td>COCAMIDOPROPYL-BETAINE</td>
<td>931-296-8</td>
<td>-</td>
<td>01-2119488533-30</td>
<td>Eye Dam 1 H318 Aquatic Chronic 3: H412</td>
<td>1-10%</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Description of first aid measures
Skin contact: Rinse skin with water.
Eye Contact: Bathe the eye with running water for 15 minutes.
Ingestion: Wash out mouth with water. If conscious give half a litre of water to drink immediately.
Inhalation: Consult a doctor.

Most important symptoms and effects, both acute and delayed
Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be irritation of the throat.
Inhalation: No symptoms.

Indication of any immediate medical attention and special treatment needed
Immediate / special treatment: Not applicable.
5. FIRE-FIGHTING MEASURES

Extinguishing media:
Water

Special hazards arising from the substance or mixture
Exposure hazards:
In combustion emits toxic fumes of carbon dioxide/carbon monoxide.

Advice for fire-fighters:
Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment And Emergency Procedures

Personal precautions:
Refer to Section 8 of Safety Data Sheet. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions:
Do not discharge into drains or rivers. Contain the spillage using bunding.

Methods And Material For Containment And Cleaning Up

Clean-up procedures:
Transfer to a suitable container.

Reference to other sections:
Refer to section 8 of SDS.

7. HANDLING AND STORAGE

Precautions For Safe Handling

Handling requirements:

Conditions For Safe Storage, Including Any Incompatibilities

Storage conditions:
Keep container tightly closed.

Suitable packaging:
Polyethylene.

Specific end use(s):
No data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Hazardous Ingredients

<table>
<thead>
<tr>
<th>Hazardous ingredients</th>
<th>State</th>
<th>Workplace Exposure Limits 8 Hour TWA</th>
<th>15 Min STEL</th>
<th>Respirable Dust 8 Hour TWA</th>
<th>15 Min STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-BUTOXYETHAOL</td>
<td>UK</td>
<td>25 ppm</td>
<td>50 ppm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

DNEL/PNEC:
No data available.

Exposure controls
Respiratory protection:
Respiratory protection not required.

Eye Protection:
Safety glasses. Ensure eye bath is to hand.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information On Basic Physical And Chemical Properties

State:
Liquid

Colour:
Colourless

Odour:
Sweet smelling

Evaporation rate:
Moderate

Oxidising:
Non-oxidising (by EC criteria)

Solubility in water:
Soluble

Viscosity:
Non-viscous

Boiling point/range °C:
100

Melting point/range °C:
0

Flammability limits %:
lower: Not applicable.
upper: Not applicable.

Flash point °C:
Not applicable.

Part.coeff. n-octanol/water:
Not applicable.

Autoignition temperature °C:
Not applicable.

Vapour pressure:
Not applicable.

Relative Density:
0.992

pH:
Approx 7

VOC g/l:
50

Other information:
No data available.
10. STABILITY AND REACTIVITY
Reactivity: Stable under recommended transport or storage conditions.
Chemical stability: Stable under normal conditions.
Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Conditions to avoid: 
Materials to avoid: 
Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION
Information on toxicological effects

<table>
<thead>
<tr>
<th>Hazardous Ingredients</th>
<th>Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 - BUTOXYETHANOL</td>
<td>IVN RAT LD50 307 mg/kg</td>
</tr>
<tr>
<td></td>
<td>ORL MUS LD50 1230 mg/kg</td>
</tr>
<tr>
<td></td>
<td>ORL RAT LD50 470 mg/kg</td>
</tr>
</tbody>
</table>

Relevant Hazards for Product

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Route</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious Eye Damage / Irritation</td>
<td>OPT</td>
<td>Hazardous : Calculated</td>
</tr>
</tbody>
</table>

Symptoms / Routes Of Exposure

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be irritation of the throat.
Inhalation: No symptoms.

12. ECOLOGICAL INFORMATION
Toxicity
Ecotoxicity Values: No data available.
Persistence and degradability: The surfactants contained in this preparation comply with the biodegradability criteria as laid down in regulation (EC) No 648/2004 on detergents.
Bioaccumulative potential: No bioaccumulation potential.
Mobility in soil: Soluble in water.
PBT identification: This product is not identified as a PBT/vPvB substance.
Other Adverse Effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS
Waste Treatment Methods
Disposal of packaging: Dispose of as normal industrial waste.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION
Transport Class: This product does not require a classification for transport.

15. REGULATORY INFORMATION
Safety, Health And Environmental Regulations/Legislation Specific For The Substance Or Mixture
Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16. OTHER INFORMATION
Other information: This Safety Data Sheet is prepared in accordance with Commission Regulation (EU) No. 2015/-830
This Safety Data Sheet is prepared in accordance with Commission Regulation (EC) No. 1272/2008
Phrases used in s.2 and 3:
H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H412: Harmful to aquatic life with long lasting effects.
SDS Revision Date: 19th February 2018.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

End of Safety Data Sheet.