



PRODUCT INFORMATION SHEET

BRILL

WASH UP LIQUID

PRODUCT INFORMATION:

Concentrated hand washing detergent formulated for the hand washing of plates, crockery, cutlery, glassware, pots, pans etc. to cut through grease & grime leaving a streak free finish.

ADVANTAGES:

| | |
|----------------------------------|--|
| GENERAL PURPOSE APPLICATION: | Along with being suitable for all types of kitchen utensils this product can also be used for the daily cleaning of floors, walls, indeed all hard surfaces. |
| HIGH CLEANING AND FOAMING POWER: | Brill contains a careful blend of anionic and non-ionic surfactants, which produce a strong foam, thus optimising soil suspension and removal. |
| EASILY RINSED: | Brill is easily rinsed off leaving no residues |
| VISCOUS LIQUID: | It is a viscous liquid thus minimising splashing and waste. |
| USER FRIENDLY: | Brill is gentle on hands. |
| BIODEGRADABLE: | Readily biodegradable water based cleaner. |
| SOLUBILITY: | 100% soluble in water. |

DIRECTIONS FOR USE:

For best results use with warm water. Concentration of use depends on the degree of soiling, however as a general guideline use 1-2ml of detergent per litre of water. Rinse well after use.

HEALTH AND SAFETY:

See Safety Data Sheet.

PACKAGING:

All our plastic drums are high molecular weight; high-density polyethylene designed to bring the product to the customer in perfect conditions.
Size: 5Lt Drum.

QUALITY ASSURANCE:

This product is manufactured in Ireland to ISO 9002 quality standards & conforms to R.E.A.C.H & CLP regulations. Shelf life: Not less than 3 years.

Safety Data Sheet

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PRODUCT NAME: BRILL

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name BRILL
Product No. KR 302

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Cleaning agent

1.3. Details of the supplier of the safety data sheet

Supplier Total Cleaning Supplies
Limerick: 061 436 402 | Cork: 021 435 5262
sales@totalcleaningsupplies.ie
www.totalcleaningsupplies.ie

1.4. Emergency Contact: National Poisons Information Centre, Beaumont Hospital,
Beaumont Road, Dublin 9. Tel: +353(01)8092566

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification: Regulation (EC) No 1272/2008: H302, H319, H412
Human health: Harmful if swallowed. Causes serious eye irritation
Environment: This product is contains a substance which may be harmful to aquatic life with long lasting effects

2.2. Label elements

Detergent Labelling: Contains: Non-ionic surfactants

Labelling



WARNING

| | |
|--------------------------|--|
| Hazard Phrases | H302 Harmful if swallowed H319 Causes serious eye irritation H412 Harmful to aquatic life with long lasting effects |
| Precautionary Statements | P102 Keep out of the reach of children P264 Wash hands thoroughly after handling P270 Do not eat, drink or smoke when using this product. P280 Wear eye protection P301 IF SWALLOWED: Rinse mouth. Call a poison centre or doctor if & 312 you feel unwell. P305 IF IN EYES: Flush eyes with water, remove contact lenses if & 310 present & continue rinsing. If eye irritation persists: get medical advice/attention. P273 Avoid release to the environment P501 Dispose of contents/container in accordance with local regulation |

2.3. Other hazards: N/A

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

| | |
|---|-------|
| ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS CAS number: 68891-38-3 EC number: 500-234-8 | 2-6% |
| Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412 | |
| ALCOHOLS C12 - 14 (7 - 7.5 EO) CAS number: 68439-50-9 | 1-2% |
| Classification (EC 1272/2008) Eye Dam. 1 - H318 Aquatic Chronic 3 - H412 | |
| BENZENESULPHONIC ACID MONO C10 - 13 ALKYL DERIVIS SODIUM SALTS CAS number: 68411-30-3 EC number: 270-115-0 | 6-12% |
| Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412 | |

A Full Text for all Hazard Statements are Displayed in Section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

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|----------------------------|--|
| Inhalation: | Inhalation unlikely. In case of inhalation of spray mist: Move person into fresh air and keep at rest. |
| Skin Contact: | Remove contaminated clothing & rinse skin thoroughly with soap & water. |
| Eye Contact: | Flush eyes with water immediately. Obtain medical attention if eye irritation persists. |
| Ingestion: | DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Call a poison centre or doctor if you feel unwell. |
| Protection of first aider: | Avoid ingestion, contact with eyes (see Section 8.) |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|---------------|---|
| Inhalation: | No symptoms noted. |
| Ingestion: | May cause internal injury, pain and/or vomiting |
| Skin contact: | May cause redness/dryness after prolonged contact |
| Eye contact: | Irritating to eyes, may lead to the product affecting the natural lubrication of the eye & cause redness &/or tearing |

4.3. Indication of any immediate medical attention and special treatment needed

The severity of symptoms described will vary dependant of the concentration & the length of exposure.

SECTION 5: FIRE FIGHTING MEASURES

| | |
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| 5.1 Suitable Extinguishing Media: | Water, Foam. |
| 5.2 Unsuitable: | N/A |
| 5.3 Specific Hazards: | Does not present particular risk in the event of fire. |
| 5.4 Special Equipment for the protection of Fire Fighters: | None. |

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SECTION 6: ACCIDENTAL RELEASE MEASURES

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|--------------------------------|--|
| 6.1 Personal Precautions: | Avoid contact with eyes (see Section 8.) |
| 6.2 Environmental Precautions: | No special measures required |
| 6.3 Methods for Cleaning up: | Small Spills - Flush with water. Large Spills - Contain & collect spillage & absorb in to sand for disposal. |

SECTION 7: HANDLING AND STORAGE

7.1 Handling

- | | |
|-----------------------|---|
| Technical Measures: | No special measures required. |
| Safe Handling Advice: | None noted. Comply with instructions for use. |

7.2 Storage

- | | |
|------------------------|---|
| Technical Measures: | No special measures required. |
| Storage Conditions: | Store in a cool dry place away from oxidizing agents. |
| Incompatible Products: | None known. |
| Packaging: | Plastic Drums. |

- | | |
|----------------------|---|
| Packaging Materials: | Recommended: Plastic Materials, Polyethylene, Polypropylene. Not Suitable – N/A. |
|----------------------|---|

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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|------------------------------------|-------------------------------|
| 8.1 Engineering Measures: | No special measures required. |
| 8.2 Personal Protection Equipment: | |



- | | |
|-----------------------------------|---|
| Respiratory Protection: | Provide adequate ventilation in areas of confined space. |
| Hand Protection: | Use Chemical Resistant Gloves to EN Standard 374 Category III, Letter Code K |
| Eye Protection: | Use Chemical Goggles or Face Shield to EN Standard 166 Level 3 or higher |
| Skin Protection: | Wear Plastic Apron EN Standard 13034 Type PB[6] & Face Shield EN Standard 166 Level 3 or higher |
| 8.3 Hygiene Measures: | Handle in accordance with good industrial hygiene and safety practices. |
| 8.4 Occupational Exposure Limits: | N/A |

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | | |
|----|---|------------------------|
| a) | Appearance: | Viscous Green Liquid |
| b) | Odour: | Fragrant |
| c) | Odour threshold: | N/A |
| d) | pH: | 7.00+/-0.5 |
| e) | Melting point / freezing point: | No data available |
| f) | Initial boiling point & boiling range: | 100°C |
| g) | Flash point: | No data available |
| h) | Evaporation rate: | No data available |
| i) | Flammability solid, gas): | No data available |
| j) | Upper/lower flammability or explosive limits: | No data available |
| k) | Vapour pressure: | No data available |
| l) | Vapour density: | No data available |
| m) | Relative density: | 1.00kg/dm ³ |
| n) | Solubility(ies): | Soluble in Water |
| o) | Partition coefficient: n-octanol/water: | No data available |
| p) | Auto-ignition temperature: | No data available |
| q) | Decomposition temperature: | No data available |
| r) | Viscosity: | No data available |
| s) | Explosive properties: | No data available |
| t) | Oxidising properties: | No data available |

SECTION 10: STABILITY AND REACTIVITY

| | |
|--|---|
| <u>10.1. Reactivity:</u> | There are no known reactivity hazards associated with this product. |
| <u>10.2. Chemical stability:</u> | Stable under normal temperature conditions and recommended use. |
| <u>10.3. Possibility of hazardous reactions:</u> | Hazardous Polymerisation N/A |
| <u>10.4. Conditions to avoid:</u> | Do not mix with strong acids or oxidising agents. |
| <u>10.5. Incompatible materials:</u> | Strong acids or oxidising agents. |
| <u>10.6. Hazardous decomposition products:</u> | None under normal conditions. |

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

| | |
|---------------|--|
| Inhalation: | No symptoms noted. |
| Ingestion: | May cause internal injury, pain and/or vomiting |
| Skin contact: | Extended exposure may cause skin dryness/redness |
| Eye contact: | Irritating to eyes, may lead to the product affecting the natural lubrication of the eye & cause redness &/or tearing. |

11.2. Toxicological information on ingredients:

BENZENESULPHONIC ACID MONO C10-13 ALKYL DERIVIS SODIUM SALTS. CAS No: 68891-38-3

Acute Toxicity (Oral LD50)
> 1080 mg/kg Rat
REACH dossier information
Acute Toxicity (Dermal LD50)
> 2000 mg/kg Rat
REACH dossier information

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SECTION 12: ECOLOGICAL INFORMATION

Eco-toxicity

Not regarded as dangerous for the environment. The product is easily biodegradable.

12.1. Toxicity

Ecological information on ingredients:

BENZENESULPHONIC ACID MONO C10-13 ALKYL DERIVIS SODIUM SALTS. CAS No: 68891-38-3

Acute Toxicity - Fish

LC50 96 hours 1.67 mg/l, *Lepomis macrochirus* (Bluegill)

REACH dossier information

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 2.9 mg/l *Daphnia magna*

REACH dossier information

Acute Toxicity - Aquatic Plants

EC50 21 days, 21 days: 1.67 mg/l, *Daphnia magna*

REACH dossier information

12.2. Persistence and degradability

Degradability: The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

No data available on bioaccumulation.

12.5. Results of PBT and vPvB assessment

Not determined.

12.6. Other adverse effects

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

General information: Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal to licensed waste disposal site in accordance with local Waste Disposal Authority. Consign empty container to normal waste.

13.1. Waste treatment methods

Dispose of waste in accordance with local regulations. Recover, reclaim or recycle, where possible.

SECTION 14: TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods:

| REGULATIONS | CLASS |
|-------------------|-------|
| RID/ADR: | N/A |
| ICAO/IATA-DGR: | N/A |
| GGVSee/IMDG-Code: | N/A |

14.1. UN number

None

14.2. UN proper shipping name

None

14.3. Transport hazard class(es)

N/A.

14.4. Packing Group

N/A

14.5. Environmental Hazards

None known

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SECTION 15: REGULATORY INFORMATION

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

Statutory Instruments

Corresponding to Preparations Regulations S.I. No. 62 of 2004

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40.

EU Legislation

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.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

Re-issued according to Regulation (EU) No 453/2010.

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Hazard Statements In Full

H302 Harmful if swallowed

H315 Causes Skin Irritation

H318 Causes serious eye damage

H412 Harmful to aquatic life with long lasting effects

The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should therefore not be construed as guaranteeing specific properties.