

Product General Purpose Degreaser
 Revision date 21 June 2017
 Revision 1



Safety Data Sheet (SDS)

Section 1: Identification of the substance/preparation and of the company/undertaking

1.1 Product identifier

Product name General Purpose Degreaser
Product no. 603
Synonyms, Trade names No information available.

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

Identified uses Cleaning agent.
Uses advised against Any other purpose.

1.3 Details of the supplier of the safety data sheet

Supplier Kitchenmaster NI Ltd
 11 Comber Road
 Belfast
 BT8 8AN
 United Kingdom
 Tel: 028 9081477 02890812881
 sales@kitchenmaster-ni.com

Contact person

1.4 Emergency telephone number

Emergency telephone Emergency Telephone Number: 028 9081 4777 08:30 - 17:00 Monday to Thursday 08:30 - 16:30 Friday

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)
 Physical and chemical hazards Not classified
 Human health Skin Irrit.2 - H315, Eye Dam. 1 - H318
 Environment Not classified

2.2 Label elements

Contains SODIUM ALKANE SULPHONATE
 Coconut oil, reaction products with diethanolamine

Detergent labeling <5% non-ionic surfactants
 <5% aliphatic hydrocarbons
 <5% Phosphates

Label in accordance with (EC) no. 1272/2008



Signal word Danger

Hazard statements H315 Causes skin irritation.
 H318 Causes serious eye damage.

Precautionary statements **Prevention**
 P280 Wear protective gloves/ protective clothing/eye protection/face protection.

Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

P362 Take off contaminated clothing and wash before reuse.

2.3 Other hazards

None known.

Section 3: Composition/identification of ingredients**3.1 Substance**

Not applicable.

3.2 Mixtures

| Name | Product identifier | Reg. EU 1272/2008 | % |
|--|---|--|-------|
| SODIUM ALKANE SULPHONATE | CAS-No.: 85711-69-9 EC No.: 288-330-3 | Skin Irrit.2 - H315, Eye Dam. 1 - H318 | 1-10% |
| Alcohols, C12-14, ethoxylated propoxylated | CAS-No.: 68439-51-0 EC No.: | Skin Irrit.2 - H315, Eye Irrit.2A - H319, Aquatic Chronic 3 - H412 | 1-10% |
| tetrapotassium pyrophosphate | CAS-No.: 7320-34-5 EC No.: 230-785-7 | Eye Irrit.2A - H319 | 1-10% |
| Coconut oil, reaction products with diethanolamine | CAS-No.: 8051-30-7 EC No.: 232-483-0 | Skin Irrit.2 - H315, Eye Dam. 1 - H318 | 1-10% |
| 2-butoxyethanol | CAS-No.: 111-76-2 EC No.: 203-905-0 REACH Reg No.: 01-2119475108-36-0000 | Acute Tox 4 - H302, Acute Tox 4 - H312, Acute Tox 4 - H332, Skin Irrit.2 - H315, Eye Irrit.2A - H319 | 1-10% |
| propan-2-ol | CAS-No.: 67-63-0 EC No.: 200-661-7 REACH Reg No.: 01-2119457558-25-0000 | Eye Irrit.2A - H319, Flam. Liq 2- H225, STOT SE 3 - H336 | 1-10% |

The full text for all hazard statements are displayed in section 16.

Composition comments

No information available.

Section 4: First aid measures**4.1 Description of first aid measures****General information**

Provide general first aid, rest, warmth and fresh air. As a general rule, in case of doubt or if symptoms persist, always call a doctor. Seek medical attention for all burns and eye injuries, regardless how minor they may seem. First aid personnel must be aware of own risk during rescue.

Inhalation

Remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

Ingestion

If this product is ingested, remove victim immediately from source of exposure. Rinse mouth thoroughly. Do not induce vomiting. Provide fresh air, warmth and rest. Get medical attention. Never give anything by mouth to an unconscious person.

Skin contact

Remove victim immediately from source of exposure. Remove contaminated clothing, shoes and jewelry and wash before reuse. Wash the skin immediately with water. Obtain medical attention if irritation persists or if blistering occurs.

Eye contact

Do not rub eye. If this product contacts the eyes, gently flush eyes with water for at least fifteen (15) minutes, lifting the upper and lower eyelids occasionally. Remove contact lenses if present and easy to do so. Avoid contaminating unaffected eye. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed**General information**

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

Inhalation of mist or vapor may cause respiratory tract irritation.

Ingestion

May cause digestive tract irritation, pain or vomiting.

Skin contact

Causes skin irritation.

Eye contact Causes severe eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to the physician Treat symptomatically.

Section 5: Fire-fighting measures

5.1 Extinguishing media

Extinguishing media Extinguish with foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media None noted.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products During fire, toxic gases (CO, CO₂) are formed.
Unusual fire & explosion hazards No unusual fire or explosion hazards noted.
Specific hazards Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3 Advice for firefighters

Special fire fighting procedures If possible, fight fire from protected position. Avoid breathing fire vapours. Ventilate closed spaces before entering them. Containers close to fire should be removed immediately or cooled with water if safe to do so.
Protective equipment for firefighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation. Eliminate all sources of ignition. Avoid inhalation of vapours and contact with skin and eyes. In case of inadequate ventilation, use respiratory protection. Do not touch or walk through spilled material. If necessary evacuate surrounding areas.
For emergency responders Follow safe handling advice and personal protective equipment recommendations for normal use of product.

6.2 Environmental precautions

Environmental precautions Do not discharge onto the ground or into water courses.

6.3 Methods and material for containment and cleaning up

Spill clean up methods Stop leak if possible without risk. DO NOT touch spilled material! When dealing with a spillage, wear necessary protective equipment. Absorb spillage with non-combustible, inert absorbent material. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container. Wash thoroughly after dealing with a spillage.

6.4 Reference to other sections

Reference to other sections See section 1 for emergency contact. For personal protection, see section 8. For waste disposal, see section 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handling Read and follow manufacturer's recommendations. Use proper personal protection when handling (refer to Section 8). Do not handle broken packages without protective equipment. Do not use contact lenses.
Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Do not eat, drink or smoke when using the product. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

| | |
|----------------------------|--|
| Storage precautions | Keep upright, locked up and out of reach of children. Keep the product in its original container. Store in cool dry areas away from direct sunlight or sources of ignition. Store separate from other products which react with acids and strong oxidising agents. |
| Storage class | Corrosive storage. |

7.3 Specific end use(s)

| | |
|----------------------------|--|
| Specific end use(s) | The identified uses for this product are detailed in Section 1.2. |
| Usage description | Use only according to directions. Replace and tighten cap after use. |

Section 8: Exposure controls/Personal protection**8.1 Control parameters**

| Component | STD | TWA (8 Hrs) | | STEL (15mins) | | Notes |
|-----------------|-----|-------------|-----------------------|---------------|------------------------|-------|
| | | | | | | |
| 2-butoxyethanol | OEL | 20 ppm | 98 mg/m ³ | 50 ppm | 246 mg/m ³ | |
| 2-butoxyethanol | WEL | 25 ppm | 123 mg/m ³ | 50 ppm | 246 mg/m ³ | |
| propan-2-ol | OEL | 200 ppm | | 400 ppm | | |
| propan-2-ol | WEL | 400 ppm | 999 mg/m ³ | 500 ppm | 1250 mg/m ³ | |

| | |
|----------------------------|---|
| Ingredient comments | OEL - Occupational Exposure Limit - Ireland, Occupational Exposure Limits 2016. WEL - Workplace Exposure Limits - EH40/2005 Workplace exposure limits. |
|----------------------------|---|

8.2 Exposure Controls**Protective equipment**

| | |
|------------------------------|---|
| Engineering measures | Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. |
| Respiratory equipment | If ventilation is inadequate, suitable respiratory protection must be worn. EN 136/140/145/143/149. The specific respirator selected must be based on contamination levels found in the work place. Where risk assessment shows air-purifying respirators are appropriate a full face respirator conforming to EN143 should be used, and suitable respirator cartridges as a backup to engineering controls. Consult manufacturer for specific advice. |
| Hand protection | Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN374) is recommended. (EU Directive 89/686/EEC). Gloves must be inspected prior to use. Suggested material: Nitrile. Layer thickness: 0.11 mm. Breakthrough time: >480 minutes. Consult manufacturer for advice. Selection of the glove material depends on consideration of the penetration times, rates of diffusion and degradation, and concentration specific to the workplace. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. |
| Eye protection | Wear safety goggles or face shield to prevent any possibility of eye contact. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166(EU). |
| Other protection | Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. The selected clothing must satisfy the European norm standard EN 943. |
| Hygiene measures | Observe normal hygiene standards. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke. Wash hands after use. |
| Process conditions | Ensure that eye flushing systems and safety showers are located close by in the work place. |

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|-----------------------------------|
| Appearance | Liquid. |
| Colour | Colourless. Clear, pale yellow. |
| Odour | No information available. |
| Odour threshold - lower | No information available. |
| Odour threshold - upper | No information available. |
| pH-Value, Conc. Solution | 10.00 |
| pH-Value, Diluted solution | No information available. |
| Melting point | No information available. |
| Initial boiling point and boiling range | No information available. |
| Flash point | No information available. |
| Evaporation rate | No information available. |
| Flammability state | No information available. |
| Flammability limit - lower(%) | No information available. |
| Flammability limit - upper(%) | No information available. |
| Vapour pressure | No information available. |
| Vapour density (air=1) | No information available. |
| Relative density | 1.014g/cm ³ @ 20.00 °C |
| Bulk density | No information available. |
| Solubility | No information available. |
| Decomposition temperature | No information available. |
| Partition coefficient; n-Octanol/Water | No information available. |
| Auto ignition temperature (°C) | No information available. |
| Viscosity | No information available. |
| Explosive properties | Not classified as explosive. |
| Oxidising properties | No information available. |

9.2 Other information

| | |
|----------------------------------|---------------------------|
| Molecular weight | No information available. |
| Volatile organic compound | No information available. |
| Other information | None noted. |

Section 10: Stability and reactivity**10.1 Reactivity**

| | |
|-------------------|--|
| Reactivity | Reaction with: Strong oxidising agents. Acids. |
|-------------------|--|

10.2 Chemical stability

| | |
|------------------|---|
| Stability | Stable under normal temperature conditions and recommended use. |
|------------------|---|

10.3 Possibility of hazardous reactions

| | |
|-----------------------------------|---|
| Hazardous reactions | Avoid strong oxidizers. Avoid contact with acids. |
| Hazardous polymerisation | Will not polymerise. |
| Polymerisation description | Not applicable. |

10.4 Conditions to Avoid

| | |
|----------------------------|--|
| Conditions to avoid | Heat, sparks, open flames, temperature extremes and direct sunlight. |
|----------------------------|--|

10.5 Incompatible materials

| | |
|---------------------------|------------------------------------|
| Materials to avoid | Keep away from acids and oxidants. |
|---------------------------|------------------------------------|

10.6 Hazardous decomposition products

| | |
|---|--|
| Hazardous decomposition products | Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. |
|---|--|

Section 11: Toxicological information**11.1 Information on toxicological effects**

| | |
|--|--|
| Toxicological information | No toxicological information for the overall finished product. |
| Acute toxicity (Oral LD50) | 2-BUTOXYETHANOL (CAS 111-76-2): 1746 mg/kg, Rat. REACH dossier information. |
| Acute toxicity (Dermal LD50) | 2-BUTOXYETHANOL (CAS 111-76-2): 0.63 mL/kg, Rabbit. REACH dossier information. |
| Acute toxicity (Inhalation LD50) | 2-BUTOXYETHANOL (CAS 111-76-2): 450 ppm, (vapours, Rat, 4 hours) REACH dossier information. |
| Serious eye damage/irritation | Causes serious eye damage. |
| Skin corrosion/irritation | No information available. |
| Respiratory sensitisation | No information available. |
| Skin sensitisation | No information available. |
| Germ cell mutagenicity | No information available. |
| Carcinogenicity | No information available. |
| Specific target organ toxicity - Single exposure: | |
| STOT - Single exposure | No information available. |
| Specific target organ toxicity - Repeated exposure: | |
| STOT - Repeated exposure | No information available. |
| Inhalation | Inhalation of mist or vapor may cause respiratory tract irritation. |
| Ingestion | May cause digestive tract irritation, pain or vomiting. |
| Skin contact | Causes skin irritation. |
| Eye contact | Causes severe eye damage. |
| Waste management | When handling waste, consideration should be made to the safety precautions applying to handling of the product. |
| Routes of entry | No information available. |
| Target organs | Eyes, skin, digestive system, respiratory system. |
| Aspiration hazards: | No information available. |
| Reproductive toxicity: | No information available. |

| Name | LD50 oral | LD50 dermal | LD50 inhalation |
|--|-------------------|--------------------------|-----------------|
| SODIUM ALKANE SULPHONATE | >2000.00mg/kg Rat | | |
| tetrapotassium pyrophosphate | >2000.00mg/kg Rat | | |
| 2-butoxyethanol | 1746.00mg/kg Rat | >2000.00mg/kg Guinea Pig | |
| Alcohols, C12-14, ethoxylated propoxylated | <5000.00mg/kg Rat | | |

Section 12: Ecological information**12.1 Toxicity**

| | |
|---|--|
| Acute toxicity - Fish | 2-BUTOXYETHANOL (CAS 111-76-2) LC50: (96 hours) 1474 mg/l, Onchorhynchus mykiss (Rainbow trout). REACH dossier information. Amides, coco, N,N-cis (hydroxyethyl) (CAS 8051-30-7) LC50: (96 hours) 5.4 mg/l, Brachydanio rerio (Zebra Fish). IUCLID chemical data sheet. SODIUM ALKANE SULPHONATE (CAS 85711-69-9) LC50: (96 hours) 1 mg/l, Brachydanio rerio (Zebra Fish). NOEC: (96 hours) 4 Poecilia reticulata. IUCLID chemical data sheet. |
| Acute toxicity - Aquatic invertebrates | 2-BUTOXYETHANOL (CAS 111-76-2) EC50: (48 hours) 1550 mg/l, Daphnia magna. REACH dossier information. Amides, coco, N,N-cis (hydroxyethyl) (CAS 8051-30-7) EC50: (48 hours) 2.39 mg/l, Daphnia magna. IUCLID chemical data sheet. SODIUM ALKANE SULPHONATE (CAS 85711-69-9) EC50: (24 hours) 12.5 mg/l, Daphnia magna. IUCLID chemical data sheet. |
| Acute toxicity - Aquatic plants | 2-BUTOXYETHANOL (CAS 111-76-2) EC50: (72 hr) 911 mg/l. NOEC: (72hr) 88 mg/l, Pseudokirchneriella subcapitata. REACH dossier information. Amides, coco, N,N-cis (hydroxyethyl) (CAS 8051-30-7) EC50: (96 hours) 2.3 mg/l, Scenedesmus acutus. IUCLID chemical data sheet. SODIUM ALKANE SULPHONATE (CAS 85711-69-9) EC50: (72 hours) 95.5 mg/l. NOEC: (72 hours) 20.1 mg/l, Scenedesmus subspicatus. IUCLID chemical data sheet. |
| Acute toxicity - Microorganisms | No information available. |
| Chronic toxicity - Fish | No information available. |
| Chronic toxicity - Aquatic invertebrates | No information available. |
| Chronic toxicity - Aquatic plants | No information available. |
| Chronic toxicity - Microorganisms | No information available. |
| Ecotoxicity | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
| Eco toxicological information | No ecological toxicity available on the overall finished product. |

12.2 Persistence and degradability

| | |
|---------------------------------|---|
| Degradability | The degradability of the product has not been stated. |
| Biological oxygen demand | No information available. |
| Chemical oxygen demand | No information available. |

12.3 Bioaccumulative potential

| | |
|---|---------------------------------------|
| Bioaccumulative potential | No data available on bioaccumulation. |
| Bioaccumulation factor | No information available. |
| Partition coefficient; n-Octanol/Water | No information available. |

12.4 Mobility in soil

| | |
|-----------------|-------------------|
| Mobility | Soluble in water. |
|-----------------|-------------------|

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment The product does not contain any PBT or vPvB Substances.

12.6 Other adverse effects

| | |
|------------------------------|-------------|
| Other adverse effects | None known. |
|------------------------------|-------------|

| Name | Acute toxicity (Fish) | Acute toxicity (Aquatic invertebrates) | Acute toxicity (Aquatic plants) |
|---|--|---|--|
| SODIUM ALKANE SULPHONATE | LC50 96 Hours 5.00ppm Freshwater Fish | | |
| 2-butoxyethanol | LC50 96 Hours 1474.00mg/l Onchorhynchus mykiss (Rainbow Trout) | EC50 48 Hours 1550.00mg/l Daphnia magna | |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1) | LC50 96 Hours 0.19mg/l Onchorhynchus mykiss (Rainbow Trout) | EC50 48 Hours 0.16mg/l Daphnia magna | EC50 72 Hours 0.01mg/l Selenastrum Capricornutum |

Section 13: Disposal considerations

| | |
|-------------------------|--|
| Waste management | When handling waste, consideration should be made to the safety precautions applying to handling of the product. |
|-------------------------|--|

13.1 Waste treatment methods

| | |
|-------------------------|--|
| Disposal methods | Dispose of waste and residues in accordance with local authority requirements. |
|-------------------------|--|

Section 14: Transport information

14.1 UN number

| | |
|----------------------|-----------------|
| UN no. (ADR) | Not applicable. |
| UN no. (IMDG) | Not applicable. |
| UN no. (IATA) | Not applicable. |

14.2 UN proper shipping name

| | |
|----------------------------------|-----------------|
| ADR proper shipping name | Not applicable. |
| IMDG proper shipping name | Not applicable. |
| IATA proper shipping name | Not applicable. |

14.3 Transport hazard class(es)

| | |
|-------------------|-----------------|
| ADR class | Not applicable. |
| IMDG class | Not applicable. |
| IATA class | Not applicable. |

Transport labels

14.4 Packing group

| | |
|----------------------------------|-----------------|
| ADR/RID/ADN packing group | Not applicable. |
| IMDG packing group | Not applicable. |
| IATA packing group | Not applicable. |

14.5 Environmental hazards

| | |
|-------------|----|
| ADR | No |
| IMDG | No |
| IATA | No |

14.6 Special precautions for user

| | |
|--------------------------------|-----------------|
| EMS | Not applicable. |
| Emergency action code | Not applicable. |
| Hazard no. (ADR) | Not applicable. |
| Tunnel restriction code | Not applicable. |

14.7 Transport in bulk according to annex II of MARPOL73/78 and the IBC code

Not applicable.

Section 15: Regulatory information

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

| | |
|-----------------------|--|
| 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. The UN Globally Harmonized System (GHS) Safety Data Sheet format (Annex IV) is implemented as Annex II of REACH EU No 453/2010 of 20th May 2010 amending regulation (EC) No 1907/2006. |
|-----------------------|--|

| | |
|----------------------------------|--|
| Approved code of practice | Workplace Exposure Limits Guidance Note EH40/2005. |
|----------------------------------|--|

2016 Code of Practice for the Chemical Agents Regulations in accordance with section 60 of the Safety, Health and Welfare at Work Act 2005 (No. 10 of 2005).

| | |
|-----------------------------------|---|
| Chemical safety assessment | No chemical safety assessment has been carried out. |
|-----------------------------------|---|

Section 16: Other information

| | |
|---------------------------------|---|
| General information | This Safety Data Sheet is in accordance with Reach Regulation (EC) No 453/2010. |
| Revision comments | This is a first issue. |
| Revision date | 21 June 2017 |
| Revision | 1 |
| Safety data sheet status | Approved. |

Hazard statements in full

| | |
|-------------|---|
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H412 | Harmful to aquatic life with long lasting effects. |
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H332 | Harmful if inhaled. |
| H225 | Highly flammable liquid and vapour. |
| H336 | May cause drowsiness or dizziness. |
| H272 | May intensify fire; oxidiser. |
| H301 | Toxic if swallowed. |
| H311 | Toxic in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H331 | Toxic if inhaled. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.