

SAFETY DATA SHEET



GRP Deck Cleaner



Issued on 09/06/2010 - Rev. n. 3 on 28.08.2015

Cod. A22C

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In conformity to Regulation (EC) No 453/2010 of 20 May 2010

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

1.1. Product identifier

Product code: Deck Cleaner

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

Use: To remove marks from a GRP surface

Uses advised against: Do not use for purposes other than those listed.

1.3. Details of the supplier of the safety data sheet

Bainbridge International Limited. Unit 8, Flanders Park, Southampton, Hampshire SO30 2FZ England

1.4. Emergency telephone number

0044 1795 599880

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

CAS 144-62-7 CEE 607-00-6-00-8 EINECS 205-634-3

Liquid irritating to eyes, skin and respiratory system.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Pictogram, Signal Word Code(s): **WARNING**



Precautionary statements:

Prevention: P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response: P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position 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.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362 - Take off contaminated clothing and wash before reuse.
P363 - Wash contaminated clothing before reuse.

Storage: P405 - Store locked up.

Contains: OXALIC ACID, (2-METHOXYMETHYLETHOXY) PROPANOL, SURFACTANT BLEND

2.3. Other hazards

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII
No information on other hazards

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3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixtures.

| Substance | Conc. % | Classification | Classification | Identification Number | | REACH |
|------------------------------------------|---------|----------------|----------------------------------------------------------------|-----------------------|-------------------------|------------------|
| | | Dir 67/548 | Reg 1272/08 | | | |
| Oxalic Acid | 10-20 | Xn R20 R21 R41 | Skin irrit. 3-H312 Acute Tox .3-H302 Eye Irrit. 3 - H318 | CAS EINECS | 144-62-7 205-634-3 | |
| (2-METHOXYMETHYLETH OXY) PROPANOL | 10-20 | Xn R20 R21 R41 | Skin irrit. 3-H312 Acute Tox .3-H302 Eye Irrit. 3 - H318 | CAS EINECS | 34590-94-8 252-104-2 | 01-2119450011-60 |
| Other components below reportable levels | 20-80 | | | | | |

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated room.

Direct contact with skin (of the pure product):

Take contaminated clothing Immediately off.

Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product.

Direct contact with eyes

Wash immediately and thoroughly with running water, keeping eyelids open for at least 15 minutes,

Ingestion:

Absolutely do not induce vomiting or emesis. Seek medical advice immediately.

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

No data available.

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

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Advised extinguishing agents:

Use foam or dry chemical

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

Use protection for the breathing apparatus

Safety helmet and full protective suit.

Eliminate sources of ignition. Evacuate personnel. Absorb liquid with non combustible material.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

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6.1.1 For non-emergency personnel:

Wear mask, gloves and protective clothing.

6.1.2 For emergency responders:

Wear mask, gloves and protective clothing.

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

6.2. Environmental precautions

Contain spill with earth or sand.

If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the the authorities.

Discharge the remains in compliance with the regulations.

6.3. Methods and material for containment and cleaning up

6.3.1 For containment:

Rapidly recover the product, wear a mask and protective clothing Possibly absorb it with inert material.

Prevent it from entering the sewer system.

6.3.2 For cleaning up:

After wiping up, wash with water the area and materials involved

6.3.3 Other information:

None in particular.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors. See also paragraph 8 below.

At work do not eat or drink.

Do not smoke at work.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers.

Keep containers upright and safe by avoiding the possibility of falls or collisions.

Keep away from open flames, sparks and heat sources. Avoid direct sunlight exposure.

7.3. Specific end use(s)

Professional uses:

Follow the rules of good hygiene in the workplace.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

| Substance | TWA (8 hr) PPM | TWL (15 mins) PPM | OTHER |
|-----------------------------------|----------------|-------------------|-------|
| (2-METHOXYMETHYLETH OXY) PROPANOL | 50 | | |
| | | | |
| | | | |
| | | | |

8.2. Exposure controls

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Individual protection measures:

| | | |
|------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Eye / face protection: | When handling the pure product use chemical splash safety glasses (spectacles cage) (EN 166). |  |
| Skin protection: | When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3) |  |
| Thermal hazards: | No hazard to report | |

Environmental exposure controls:

Use according to good working practices to avoid pollution into the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| Physical and chemical properties | Value |
|----------------------------------------------|---------------------|
| Appearance | Pale liquid |
| Odour | Ammoniacal |
| Odour threshold | Not determined |
| pH | 9.5 |
| Melting point/freezing point | Not determined |
| Initial boiling point and boiling range | |
| Flash point | Closed cup N/A |
| Evaporation rate | Not determined |
| Flammability (solid, gas) | No |
| Upper/lower flammability or explosive limits | Not determined |
| Vapour pressure | |
| Vapour density | Not determined |
| Relative density | Not determined |
| Solubility | Not determined |
| Water solubility | Immiscible in water |
| Partition coefficient: n-octanol/water | Not determined |
| Auto-ignition temperature | Not determined |
| Decomposition temperature | Not determined |
| Viscosity | Not determined |
| Explosive properties | Not determined |
| Oxidising properties | Not determined |

9.2. Other information

Content of VOC:

10. STABILITY AND REACTIVITY

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10.1. Reactivity

No reactivity hazards.

10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3. Possibility of hazardous reactions

There are no hazardous reactions.

10.4. Conditions to avoid

Nothing to report

10.5. Incompatible materials

Nothing to report

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

| | |
|---------------------------------------|--------------------------------------|
| (a) acute toxicity | Harmful if swallowed |
| (b) skin corrosion/irritation | Irritating to skin. May be absorbed. |
| (c) eye damage/irritation | Causes serious eye damage |
| (d) respiratory or skin sensitization | <u>Not applicable</u> |
| (e) germ cell mutagenicity | Not applicable |
| (f) carcinogenicity | Not applicable |
| (g) Ingested | <u>Harmful if ingested</u> |

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Related to contained substances: Inlikely to bioaccumulate. Low toxicity to fish

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

12.6. Other adverse effects

No adverse effects

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13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Land fill or incinerate in accordance with local regulations using authorised personnel.

14. TRANSPORT INFORMATION

14.1 UN number

Not classified as dangerous goods by the criteria of the International Maritime Dangerous Goods Code/ ADR/ IATA

14.2 UN proper shipping name

N/A

14.3 Transport hazard class(es)

N/A

14.4 Packing group

14.5. Environmental hazards

Product is not environmentally hazardous
Marine polluting agent : Not

14.6. Special precautions for user

The goods must be transported by vehicles authorized to transport of dangerous goods according to the current edition of ADR requirements and applicable national regulations.
The goods must be in original packing, however, in packaging made of materials resistant to their content and not likely to generate with this dangerous reactions. People loading and unloading dangerous goods must be trained on the risks from these substances and that must be taken in case of emergency situations

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

It is not intended to carry bulk

15. REGULATORY INFORMATION

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

Reg (EC) n. 1907/2006 (REACH), Reg (EC) n. 1272/2008 (CLP), Reg (EC) n. 453/2010 (Requirements for the compilation of safety data sheets), Reg (E) n.790/2009, Dir 96/82/EC as amended.

15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

16. OTHER INFORMATION

16.1. Other information

Description of the sentences of risk set out in paragraph 3

Risk Phrases used:

R20 - Harmful by inhalation

R21 - Harmful in contact with skin

R41 - Risk of serious eye damage

Description of the hazard statements exposed to point 3

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H302 - Harmful if swallowed
H312 - Harmful if contact with skin
H318 - Causes serious eye damage

Regulatory information:

Dir 67/548 29° Amendment
Dir 1999/45/EC e s.a.a.
Dir 2001/60/EC
Reg 1907/2006 EC
Reg 1272/2008 EC
Reg 453/2010 EC

NOTICE TO USERS:

The information contained herein is based on the knowledge available at the date of completion relating to requirements for safety, health, environmental protection and proper use of the product. The user must be aware of the possible risks associated with use of the product other than that for which the product is shipped. The card is not in any way excuse the user from knowing and applying all the regulations governing its activities. The set of regulations mentioned is simply to help the user to fulfil its obligations regarding the use of hazardous products. This does not exonerate the user from ensuring that legal obligations other than those mentioned and regulated, the possession and use of the product is solely responsible.

*** *This sheet supersedes all previous editions.*
