

SAFETY DATA SHEET

Glass & Stainless Steel Cleaner

4 Review date: 16/06/14

RE EC/453/Version: 2010 - ISO 11014-1

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

1. 1. Product identifier: Glass & stainless steel cleaner
1. 2. Relevant identified uses of the substance or mixture and uses advised against: Glass cleaner
1. 3. Details of the supplier of the safety data sheet:
- PVA Hygiene
Unit 6
Havyat Business Park
Havyat Road
Wrington
Bristol
BS40 5PA
Phone: +44 1934 862859
Web: sales@pva-hygiene.co.uk
1. 4. Product code: B5
1. 5. Emergency telephone number: UK - National Poisons Information Service Phone: 44 / 191 22 5131

2. HAZARDS IDENTIFICATION

2. 1. Classification of the substance or mixture: Irritating to eyes.
2. 2. EC number: Not applicable.
2. 3. Contains:
- Fatty alcohol ethoxylate
 - Sodium lauryl sulfate
2. 4. Label elements (R - S):
-
2. 4. 1. Symbol(s): Xi – Irritant
2. 4. 2. R-phrase(s): 36 Irritating to eyes.
2. 4. 3. S-phrase(s): 2 Keep out of the reach of children.
8 Keep container dry.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
46 If swallowed, seek medical advice immediately and show this container or label.
2. 5. Label elements (CLP - SGH):
-
2. 5. 1. Symbol(s): .
2. 5. 2. Hazard statement: H318 Causes serious eye damage.
2. 5. 3. Prevention: P280 Wear protective gloves / protective clothing / eye protection / face protection.
P305 IF IN EYES:
2. 5. 4. Response: Rinse cautiously with water for several minutes.
P338 Remove contact lenses, if present and easy to do. Continue rinsing.
P310a Immediately call a POISON CENTER / doctor.
2. 6. Other hazards: .

3. COMPOSITION

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3. 1. Formula:
3. 2. Component(s) contributing to the hazard: •

191385

Fatty alcohol ethoxylate
- CAS nr: 157627-86-6

- Conc. (weight %) : 1 < C <= 5
- R-S : Symbol(s): Xn - R-phrase(s): 22-41
- SGH : SGH07 - Acute Tox. 4 - Exclamation mark - Warning - H302 - SGH05 - Eye Dam. 1 -
Corrosion - Danger - H318 - Aquatic. Chronic 3 - H412
- Miscellaneous :
NOEC / = >0,1 - <1 mg/l

LC50 / Acute toxicity - aquatic / 48h / Fish = >1 - <10 mg/l
CE50 / Acute toxicity - aquatic / 72h / Algae = >1 - <10 mg/l
CE50 / Acute toxicity - aquatic / 48h / Daphnia magna = >1 - <10 mg/l

• sodium Lauryl sulfate
- CE nr: 273-257-1 - CAS nr: 68955-19-1
- Conc. (weight %) : 1 < C <= 5
- R-S : Symbol(s): Xi - R-phrase(s): 41-38
- SGH : SGH07 - Skin Irrit. 2 - Exclamation mark - Warning - H315 - SGH05 - Eye Dam. 1 -
Corrosion - Danger - H318 - Aquatic. Chronic 3 - H412

• sodium carbonate
- Id nr: 011-005-00-2 - CE nr: 207-838-8 - CAS nr: 497-19-8 - REACH registration number : 01-2119485498-19
- Conc. (weight %) : 30 < C <= 40
- R-S : Classification: • Xi; R 36 •
- SGH : SGH07 - Irr. oc. 2A - Exclamation mark - Warning - H319 - Irr. oc. 2B

• Phosphonate sodium
CAS nr: 3794-83-0 - REACH registration number : 01-2119510382-52
- Conc. (weight %) : 1 < C <= 5
i - R-phrase(s): 36-22
- SGH : SGH07 - Acute Tox. 4 - Exclamation mark - Warning - H302 - Irr. oc. 2A - H319 - Irr. oc. 2B
The wording of the sentences are mentioned at heading 16.

4. FIRST AID MEASURES

4. 1. Description of first aid measures:

4. 1. 1. General advice:

For symptom description, see item 11.

In case of doubt or persistent symptoms, consult always a physician.

4. 1. 2. Inhalation:

:

4. 1. 3. Skin contact:

Accidental tearing of the dose: Wash skin with plenty of water.

4. 1. 4. Eye contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

4. 1. 5. Ingestion:

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4. 2. Most important symptoms and effects, both acute and delayed:

.

4. 2. 1. Inhalation:

4. 2. 2. Skin contact:

Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis.

4. 2. 3. Eyes contact:

4. 2. 4. Ingestion:

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4. 3. Indication of any immediate medical attention and special treatment needed : Notes to physician

5. FIREFIGHTING MEASURES

5. 1. Extinguishing media: The product itself does not burn.
In case of fire in the surroundings: all extinguishing agents allowed: foam, powder, carbon dioxide (CO₂), water spray
5. 2. Special hazards arising from the substance or mixture
In case of fire and/or explosion do not breathe fumes.
5. 3. Advice for firefighters: Use a self-contained breathing apparatus and also a protective suit.
5. 4. Extinguishing media which must NOT be used for safety reasons: None

6. ACCIDENTAL RELEASE MEASURES

6. 1. Personal precautions, protective equipment and emergency procedures: Avoid dust formation
Avoid contact with the eyes
6. 2. Environmental precautions: Do not allow to enter drains or water courses.
6. 3. Methods and material for containment and cleaning up
Shovel or sweep up and put in a closed container for disposal.
After cleaning, flush traces away with water.
6. 4. Reference to other sections: Concerning disposal elimination after cleaning, see item 13.

7. HANDLING AND STORAGE

7. 1. Handling:
7. 1. 1. Precautions for safe handling: Avoid contact with eyes, wear eye protection
7. 1. 2. Technical condition(s): Never mix with other materials.
7. 1. 3. Safe handling advice(s): Keep container tight closed.
7. 2. Storage:
7. 2. 1. Conditions for safe storage, including any incompatibilities: Keep container tightly closed and dry.
7. 2. 2. Storage condition(s): Keep container tightly closed.
Keep out of frost
7. 2. 3. Packaging / tank material: No materials to be specially mentioned
7. 3. Specific end use(s): Business use

EXPOSURE CONTROLS / PERSONAL PROTECTION

8. 1. Control parameters:
8. 1. 1. Exposure limit(s)
8. 2. Exposure controls:
8. 2. 1. Respiratory protection: No personal breathing protective equipment is normally required.
In case of accidental tearing of the sachet: PVC or other plastic material or natural rubber gloves
8. 2. 2. Hand protection: Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.
8. 2. 3. Skin and body protection: In case of accidental tearing of the sachet: Eye protection designed to protect against exposure to dusts should be worn when there is a likelihood of exposure.
8. 2. 4. Eye protection:
8. 2. 5. Personal protection equipment: Avoid contact with skin, eyes and clothing.

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8. 3. Hygiene measure(s): Handle in accordance with good industrial hygiene and safety practice.
Avoid contact with the skin and the eyes.
Do not eat, drink, or smoke during work.
Wash hands immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

9. 1. Information on basic physical and chemical properties:

9. 1. 1. Appearance: solid in polyvinyl alcohol film
9. 1. 2. Colour: blue
9. 1. 3. Odour: slight
9. 1. 4. PH: Not applicable.
9. 1. 5. Boiling point/range:
9. 1. 6. Flash point: does not ignite ° C
9. 1. 8. Relative density (water = 1):
9. 1. 9. Bulk density: about 0.6 to 20 ° C
9. 1. 10. Viscosity:
9. 2. Other information:
9. 2. 1. Water solubility: completely solubl
9. 2. 2. Fat solubility:
9. 2. 3. Solvent solubility:

10. STABILITY

10. 1. Reactivity: Stable at normal conditions.
10. 2. Chemical stability:
10. 3. Possibility of hazardous reactions:
10. 4. Conditions to avoid:
10. 5. Incompatible materials:
10. 6. Hazardous decomposition products:

11. TOXICOLOGICAL INFORMATION

11. 1. Information on toxicological effects: Product contains no substances classified as hazardous to health in concentrations that should be taken into account.
11. 2. Acute toxicity:
11. 2. 1. Inhalation:
11. 2. 2. Skin contact: Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis.
11. 2. 3. Eyes contact:
11. 2. 4. Ingestion:

11. 3. Chronic toxicity: Not available.

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12. ECOLOGICAL INFORMATION

12. 1. Toxicity: Ecological problems are not known or expected under normal use.
12. 2. Persistence and degradability: The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004
12. 3. Bio-accumulative potential:
12. 4. Mobility in soil:
12. 5. Results of PBT and vPvB assessment:
12. 6. Other adverse effects:

13. DISPOSAL CONSIDERATIONS

13. 1. Waste treatment methods: Collect all waste in suitable and labelled containers and dispose according to local legislation.
13. 2. Contaminated packaging: Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.
13. 3. Local / national disposal regulation(s): Environmental Code art. L.541-11 and R.541-13 to 39 to 41 (disposal); art.R.541-42 48 (waste processing circuits) Decree of 29/07/05 (control of disposal routes)

14. TRANSPORT INFORMATION

14. 1. General information(s): Not classified as dangerous in the meaning of transport regulations.
14. 2. UN number: None
14. 3. Land (Road / Railway: ADR/RID):
14. 4. Sea (IMDG):
14. 5. Air (ICAO/IATA):
14. 6. Environmental hazards:
14. 7. Special precautions for user:
14. 8. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not relevant

15. REGULATORY INFORMATION

15. 1. Safety, health and environmental regulations/legislation specific for the substance or mixture: Keep away from high humidity
15. 2. Chemical safety assessment:

16. OTHER INFORMATION

16. 1. According legislation(s) This safety data sheet is in compliance with regulation (CE) 1907/2006 - 1272/2008 and adaptings.

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16. 2. Text of the phrases listed in section 3:

R22 Harmful if swallowed.
R41 Risk of serious damage to eyes.
R38 Irritating to skin.
R36 Irritating to eyes.
H302 Harmful if swallowed.
H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

16. 3. Important remarks

It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users.
It is user's liabilities to take all necessary measures to meet local required laws and regulations.

ECE Regulation 648/2004 following composition:
Non-ionic surfactants: <5%
anionic surfactants: <5%
Phosphonates <5%
perfume, limonene, linalool

16. 4. Restrictions:

This information relates to the specific material designated and may not be valid in combination with other product(s).
The use of this preparation is reserved to the professional users.

16. 5. History:

16. 5. 1. First edition date: 17/01/11
16. 5. 2. Previous revision date: 28/03/13
16. 5. 3. Review date: 16/06/14
16. 5. 4. Version: 4
16. 5. 5. Review chapter(s) n°: 2-3-4-11-15-16
16. 6. Written by: PVA hygiene