

SAFETY DATA SHEET

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

DiverseyLever

DiverseyLever Limited

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Clearance Code
DL10734

SUMA UNISON ALU G7
Professional kitchen hygiene product

Product Code
646547

TO :

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No	EINECS No			
6834-92-0	229-912-9	Disodium Metasilicate	C: R34-37	(15-30%)
497-19-8	207-838-8	Sodium carbonate	Xi: R36	(5-15%)
51580-86-0	220-767-7	Sodium dichloroisocyanurate dihydrate	Xn, N: R22-31-36/37-50/53	(<5%)
7722-88-5		Tetrasodium Pyrophosphate (OES)		(<5%)

Full text of R-phrases is given in section 16.

3. HAZARDS IDENTIFICATION

Corrosive - causes burns. Contact with acids liberates toxic gas. Irritant - irritating to respiratory system. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. This product contains a material with an OES/MEL published in HSE document EH40.

4. FIRST AID MEASURES

- Eyes :** Rinse immediately with copious amounts of water, holding the eyelids open and obtain immediate medical attention.
- Inhalation :** Remove from source of exposure. Obtain immediate medical attention
- Skin :** Flush the contaminated area with running water, remove contaminated clothing and wash before re-use. If irritation persists or there is any sign of tissue damage seek medical advice.
- Ingestion :** Remove product from mouth, give the casualty a small quantity of water to drink and obtain immediate medical attention. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

NON FLAMMABLE - In the event of a fire due to other causes the product is compatible with water, foam, carbon dioxide and dry powder extinguishers. May evolve toxic fumes if involved in a fire. Firefighters should wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

6. ACCIDENTAL RELEASE MEASURES

Wear full protective clothing including gloves and eye/face protection. Sweep up and dispose of safely as solid waste. Hose down area with plenty of water, diluting to at least 1% w/w (10 g/litre).

7. HANDLING & STORAGE

Avoid contact with skin and eyes. Wear suitable gloves and eye/face protection. Prevent the formation of dust. Do not mix with any other chemicals other than as advised by your DiverseyLever representative. Do not mix with acids.

Store upright in original closed containers in a cool place. Keep away from acids. Keep dry.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

- Hand :** Use gloves resistant to alkalis.
- Eyes :** When handling neat product wear eye/face protection to EN 166.
- Skin :** Wear protective overalls or bib resistant to alkalis.
- Respiration :** Personal protective equipment should only be considered where product containment or extract ventilation are impracticable, or for use in an emergency. For low levels of exposure use mask suitable for non-toxic nuisance and respirable dusts.

Tetrasodium Pyrophosphate:
OES/MEL : O.E.S. Long term value: 5 mg/m³

ref. HSE publication EH40

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance : White solid
pH : 12.0 - 12.5 (1% solution)
Relative Density : 1.06g/cm³.

Odour : Chlorine-like
Solubility : Soluble in water

10. STABILITY & REACTIVITY

Reacts with water and acids. Contact with acids liberates Chlorine. Hazardous decomposition products may include Chlorine. Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products.

11. TOXICOLOGICAL INFORMATION

Eyes : Corrosive - causes burns.
Skin : Corrosive - causes burns.
Inhalation : Corrosive. May cause pulmonary oedema. May cause bronchospasm in chlorine sensitive individuals.
Ingestion : Corrosive. Strong caustic effect on mouth and throat and danger of perforation to oesophagus and stomach.

12. ECOLOGICAL INFORMATION

Ingredients according to EC 89/542:

More than 30% : Phosphates.

Less than 5% : Chlorine based bleaching agents.

Less than 5% : Nonionic surfactants.

Less than 5% : Polycarboxylates.

Less than 5% : Anionic surfactants.

Harmful to aquatic organisms.

May cause long-term adverse effects in the aquatic environment. The classification of the product is due to the component(s) listed in section 2 with an environmental classification (R50-R53). Based on the environmental classification, the toxicity for aquatic organisms (as defined in 67/548/EEC, Annex V) is estimated to be 10-100mg/L.

The information in this section refers to the undiluted product.

13. DISPOSAL CONSIDERATIONS

This product does not contain any prescribed substance under the Environmental Protection Act (Prescribed Processes and Substances) Regulations 1991 but is classified as special waste under the Control of Substances (Special Waste) Regulations 1996. For small quantities wear suitable gloves and eye/face protection. Dilute with water to at least 1% w/v (10 g/litre) and pour down a wastewater drain (foul sewer). Rinse out containers at least twice and recycle if facilities exist or dispose of as commercial waste. For larger quantities contact a licensed waste management company. **European waste catalogue 20 01 15** Alkalines

14. TRANSPORT INFORMATION

EEC Regulation : C, CORROSIVE, Disodium Trioxosilicate, Mixture, UN3253, Hazchem 2X
IMDG/UN : Disodium Trioxosilicate, Mixture, UN3253, Class 8, PG III
RID/ADR : Class 8, Item 41(c)
ICAO/IATA : Passenger Aircraft: 822, Y822
Cargo Aircraft 823

15. REGULATORY INFORMATION

Hazard symbol : C, CORROSIVE, Contains Disodium Metasilicate

Risk phrases :
R34 Causes burns.
R31 Contact with acids liberates toxic gas.
R37 Irritating to respiratory system.
R52/53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Safety phrases :
S8 Keep container dry.
S22 Do not breathe dust.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 After contact with skin, wash immediately with plenty of water.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S61 Avoid release to the environment. Refer to special instructions / safety data sheets.

This product contains a material with an OES/MEL published in HSE document EH40.

16. OTHER INFORMATION

Handle and apply only as recommended, for full information see product information sheet.

Internal Reference:- MSDS3425(17-Jun-2002), KH.MW.Dt51-01(Dec-2001)

Text of risk phrases associated with ingredients listed in section 2.

R22 Harmful if swallowed.

R31 Contact with acids liberates toxic gas.

R34 Causes burns.

R36 Irritating to eyes.

R36/37 Irritating to eyes and respiratory system.

R37 Irritating to respiratory system.

R50/53 Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Change to section 2, 3, 8, 11, 12, 13 and 15.