

GRANODINE 606

Sheet Code: S/MP0012**Issue No: 3****1. Identification of the Substance or Preparation and the Company/Undertaking**

Product Name: GRANODINE 606
Intended Use: A liquid product designed for cleaning and phosphating metal surfaces.
Supplier: Weilburger Coatings (UK) Ltd, Arundel Road, Uxbridge, Middlesex UB8 2SD.
E-mail: health.safety@trimite.com
Emergency Telephone No.: 01895 251234

2. Hazards Identification.

The product is not classified as dangerous according to the CHIP Regulations.

3. Composition/Information on Ingredients

Inorganic compounds in water.

Substances presenting a health or environmental hazard within the meaning of the CHIP Regulations or which are assigned occupational Exposure Limit Values.

| Substance name | EINECS No. | CAS Number | Classification | Risk Phrases | Concentration |
|------------------|------------|------------|----------------|--------------|---------------|
| Fluoroboric Acid | | 719-96-0 | C | 34 | 1-5 |

For full text of R-phrases, see Section 16

4. First Aid Measures

General In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation Inhalation of spray mist, remove to fresh air rinse the mouth seek medical attention if symptoms persist.

Eye Contact Remove contact lenses. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

Skin Contact Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners.

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

5. Fire Fighting Measures

Recommended Extinguishing media: Fine water spray, Water jet.
Not to be used: .

This product can be considered non-flammable. If the product becomes involved in a fire acid fumes may be given off. These should be dissolved using water spray. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

6. Accidental Release Measures

Contain and neutralize spillage with hydrated lime or soda ash, Collect with absorbent materials, e.g. sand or earth. Dispose of residue in accordance with waste regulations (see section13)

7. Handling and Storage

Avoid contact with skin and eyes. Avoid the inhalation of spray mists. For personal protection see Section 8.

Store in a cool dry area away from alkaline materials No specific storage regulations, Factories Act 1961 may be applicable. Smoking, eating and drinking should be prohibited in storage and use areas. The principles contained in the HSE's guidance note Storage of Packaged Dangerous Substances should be observed when storing this product.

8. Exposure Controls/Personal Protection

Exposure Controls

Good ventilation sufficient for the other process stages may be maintained.

Exposure Limit Values

| Substance Name | Workplace Exposure Limits | | Notes |
|----------------|---------------------------|-------|-------|
| | 8hr mg/m ³ | 15min | |

Notes: SUP - categorised from suppliers' literature. Sk - Risk of absorption through skin. Sen - Respiratory sensitiser Bmgv - Biological monitoring may be appropriate (see Biological Monitoring Guidance Value in EH40 Table 2).

Occupational Exposure Controls

All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH Regulations.

| | |
|------------------------|---|
| Respiratory Protection | Not normally required however if mist or spray is generated air-fed respiratory protection should be used. |
| Hand Protection | When skin exposure may occur, PVC or Nitrile rubber gloves should be used. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement must be followed. |
| Eye Protection | Goggles or face visor - BS EN 166 according to precise work. |
| Skin Protection | Regularly laundered and effectively impervious overall. |

Environmental Exposure Control

See Section 12 for detailed information.

9. Physical and Chemical Properties

| | | | |
|-----------------|---------------|------------------------|-----------------------|
| Physical State: | Clear liquid. | Vapour Density: | |
| Flashpoint: | N/A | Lower Explosion Limit: | N/A% |
| Viscosity: | Not Measured | Solubility in Water: | Soluble |
| SG: | 1.3 | Boiling Range: | |
| VOC Content: | N/A | pH Value: | of 1% Solution. 3 - 4 |

The values given here should be regarded as typical and are given as guidance for Health and Safety purposes. They do not represent a specification for the product(s) covered by this Safety Information Sheet.

10. Stability and Reactivity

Stable under the recommended storage and handling conditions (see Section 7). When exposed to high temperature, hazardous decomposition products may be produced. The product may react exothermically with alkalis.

11. Toxicological Information

There is no data available on the product itself. The product has been assessed following the conventional method in CHIP and is classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes. See Sections 2 and 15 for details of the resulting hazard classification. Splashes in the eyes may cause irritation and reversible local damage. Prolonged or repeated contact with skin may cause irritation and possibly dermatitis and should therefore be avoided.

12. Ecological Information

The product has been assessed following the conventional method in CHIP and is not classified as dangerous for the environment. This product contains phosphates which may act as plant nutrients and promote eutrophication. The undiluted product should therefore not be allowed to enter drains or water courses. The working solution may need to be neutralised before discharge to drain and any oils, solids or other specified materials removed to ensure the effluent is within Water Authority consent limits.

13. Disposal Considerations

The Control of Pollution Act 1974, The Hazardous Waste Regulations, the Environmental Protection Act 1990 and/or any local regulations will apply. Waste materials should be regarded as controlled wastes and should be disposed of in accordance with the relevant regulations. Do not allow waste to enter drains. The working solution may be discharged to drains provided the precautions outlined in Section 12 have been taken.

14. Transport Information

| | | | | |
|-----------|------------------|---|--------------------|-------|
| Road/Rail | Designation | Not classified as hazardous for transport | | |
| | UN Number | Packing Group | Transport Category | Class |
| Sea | Designation | Not classified as hazardous for transport | | |
| | UN Number | Packing Group | Transport Category | Class |
| | Marine Pollutant | No | | |
| Air | Designation | Not classified as hazardous for transport | | |
| | UN Number | Packing Group | Transport Category | Class |

15. Regulatory Information

The product is classified and labelled for supply in accordance with the Chemicals (Hazard Information & Packaging for Supply) Regulations 2002 (S.I. 2002 No. 1689) as follows:

Classification

Contains

Risk Phrases

| | | |
|----------------|-------|--|
| Safety Phrases | 26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice |
| | 37/39 | Wear suitable gloves and eye/face protection |

'P' Phrases

The information contained in this sheet does not constitute the user's own assessment of the workplace risks as required by other health and safety legislation. The provisions of the Health & Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product.

16. Other Information

Text of any Risk Phrases listed in Section 2

34 Causes burns

Date of Origination: 16/06/2009

Date of Last Revision: 16/06/2009

The risk phrase texts listed above are included to ensure compliance with the CHIP Regulations. They apply only to the pure chemical compounds listed in Section 8 and NOT to the product as supplied. For guidance on the risk phrases applicable to the product, see Section 15 and product label.

The information contained in this safety data sheet is provided in accordance with the requirements of the CHIP Regulations. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet is based on the present state of knowledge and on current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Further information and relevant advice can be found in:-

Control of Substances Hazardous to Health Regulations 2002 (SI2002:2677)

COSHH Essentials: Easy Steps to Control Chemicals HS(G)193

Chemical Warehousing: The Storage of Packaged Dangerous Substances HS(G)71

Environmental Protection (Duty of Care) Regulations 1992 (SI1992:2839)

Manual Handling Operations Regulations 1992 (SI1992:2793)