

Safety Data Sheet for 112

1. IDENTIFICATION OF PRODUCT and COMPANY

PRODUCT NAME - Concept ALLOY WHEEL CLEANER

PRODUCTS COVERED - 112

INTENDED USE - For use in association with motor vehicles. For Professional Use ONLY.

SUPPLIER - Concept Chemicals & Coatings P.O. Box 9, Bramhall, Stockport, Cheshire. SK7 1JF

Emergency Tele. - 0161-335-0213

2. COMPOSITION/INFORMATION of INGREDIENTS

> 10 % PHOSPHORIC ACID

Symbols C Risk Phrases 34, 36/38

< 5 % NITRIC ACID ... %

Symbols C,O Risk Phrases 35, 34

Symbols Key - T=Toxic Xn=Harmful C=Corrosive Xi=Irritant E=Explosive O=Oxidising F+=Extremely Flammable

F=Highly Flammable N=Environmentally Hazardous

Details of Risk Phrases

R34 Causes burns

R35 Causes severe burns

R36/38 Irritating to eyes and skin.

3. HAZARDS IDENTIFICATION

HAZARDS

Irritant

RISKS

Irritating to eyes and skin.

SAFETY ADVICE

Avoid contact with skin and eyes.

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

After contact with skin, wash immediately with plenty of water.

Wear suitable protective clothing, gloves and eye/face protection.

FURTHER ADVICE

May be harmful if inhaled. May be harmful if swallowed.

4. FIRST AID MEASURES

ACTION ON INHALATION - Remove to fresh air, keep warm and at rest. If breathing is irregular or stopped give artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice. **ASPIRATION**

HAZARD (entry of stomach contents into the lungs) take immediately to hospital or obtain immediate medical attention.

ACTION ON SKIN CONTACT - Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner, do NOT use solvents or thinners.

ACTION ON EYE CONTAMINATION - Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 mins. holding the eyelids apart, seek medical advice.

ACTION ON SWALLOWING - If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

GENERAL FIRST AID ADVICE - In all cases of doubt or when symptoms persist seek medical attention. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

RECOMMENDED EXTINGUISHING MEDIA - Non-Flammable Material.

DO NOT USE - Water Jet.

FIRE FIGHTING INSTRUCTIONS - Fire will produce smoke containing hazardous products of combustion (see Section

10). Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with a water spray. Do not allow run off from fire fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth and place in suitable container for disposal in accordance with the waste regulations. Clean preferably with a detergent, avoid use of solvents. Do not allow to enter drains or water courses. If it does the local water company should be contacted immediately, in case of contamination of streams rivers or lakes the National Rivers Authority. Refer to personal protective measures listed in sect. 7&8.

7. STORAGE AND HANDLING

STORAGE PRECAUTIONS - Observe the label precautions. Store between 5 & 25°C in a dry well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store away from oxidising agents and strongly alkaline and acidic materials. The principles contained in the HSE's guidance note Storage of Packaged Dangerous Substances should be observed when storing this product. Store in original containers.

HANDLING PRECAUTIONS - Avoid skin & eye contact. For personal protection see Sect.8. Good housekeeping and regular removal of waste materials will minimise risks. Keep container tightly closed. Never use pressure to empty, container is not a pressure vessel. Always keep in containers made of the same material as the supply container. The Manual Handling Operations Regulations 1992 may apply to the handling of containers of this product. Refer to the published guide weight when carrying out assessments. The requirements of regulations made under the Health & Safety at Work etc. 1974 should be complied with.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

PHOSPHORIC ACID

Short Term: 2 mgm/m³

Notation OES

NITRIC ACID ... %

Long Term: 2 ppm & 5 mgm/m³

Short Term: 4 ppm & 10 mgm/m³

Notation OES

NOTES - Sen =Respiratory Sensitizer

OES = Occupational Exposure Standard

MEL = Maximum Exposure Limit

OEL's are from EH40 except where marked SUP which are assigned by the supplier of the substance

ENGINEERING PRECAUTIONS - Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If extraction methods are insufficient to maintain concentrations of particulates and/or solvent vapours below relevant OEL's, suitable respiratory protective equipment should be worn.

GENERAL PRECAUTIONS - All personal protective equipment should conform to the Provision & Use of PPE Regulations 1992.

RESPIRATORY PROTECTION - If exposure to hazardous substances identified above cannot be controlled by provision of local exhaust ventilation & good general extraction, suitable respiratory protective equipment should be worn.

HAND PROTECTION - Full physical protection is best. Seek relevant advice from glove manufacturers. Barrier cream may be of help but should not be applied after exposure has occurred.

EYE PROTECTION - Eye protection designed to protect against liquid splashes should be worn.

SKIN PROTECTION - Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap & water or a proprietary skin cleaner.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State - Liquid

Specific Gravity - 1.095

10. STABILITY AND REACTIVITY

Stable under the recommended storage & handling conditions (see Sect.7). Keep away from oxidising agents and strongly alkaline and acid materials to prevent the possibility of an exothermic reaction.

11. TOXICOLOGICAL INFORMATION

Splashes in the eye will cause irritation and possible irreversible eye damage. Skin exposure may well result in typical allergic skin reactions, redness, swelling, blistering & itching. Ingestion will result in irritation of the gastrointestinal tissues resulting in pain, vomiting, abdominal tenderness, nausea, blood in vomit & faeces. Respiratory exposure may cause acute irritation &/or sensitization of the respiratory system resulting in asthmatic symptoms. Repeated exposure may lead to permanent respiratory disability.

12. ECOLOGICAL INFORMATION

There is no data available on the product itself. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

13. DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution (1974) & Environmental Protection (1990) Acts. Using the information in this data sheet, advice should be obtained from the Waste Regulation Authority whether the Special Waste Regulations 1980 apply.

14. TRANSPORT INFORMATION

UN No - 1760

Packing Group - III

Designation - CORROSIVE LIQUID

For Transport Information other than UK Road or Rail please contact your supplier.

REGULATORY INFORMATION

CLASSIFICATION

Irritant

Irritant

CONTAINS

PHOSPHORIC ACID

RISKS PHRASES

Irritating to eyes and skin.

SAFETY PHRASES

Avoid contact with skin and eyes.

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

After contact with skin, wash immediately with plenty of water.

Wear suitable protective clothing, gloves and eye/face protection.

16. OTHER INFORMATION

Date of Origination - 26/02/96

Date of Last Revision - 26/02/96

The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information & Packaging) Regulations. The product should not be used for purposes other than those shown in sect.1 without first referring to the supplier and obtaining written instructions. As the specific conditions of use of the product are outside of the suppliers 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 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:-

The Control Of Substances Hazardous to Health Regulations 1988 (SI 1988: 1657)

The Manual Handling Operations Regulations 1992 (SI 1992: 2793)

Storage of Flammable Liquids in Containers. HS(G)51

Storage of Packaged Dangerous Substances. HS(G)71

The Environmental Protection (Duty of Care) Regulations 1992 (SI 1988: 2839)