

# Safety Data Sheet for 218

## 1. IDENTIFICATION OF PRODUCT and COMPANY

**PRODUCT NAME** - CONCEPT CHU-SOL LABEL AND CHEWING GUM REMOVER

**PRODUCTS COVERED** - 218

**INTENDED USE** - For professional use only. 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

50-100 % XYLENE, MIXTURE OF ISOMERS

Symbols Xn,Xi Risk Phrases 10, 20/21, 38

10 - 25 % NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (CONTAINS <0.1% BENZENE)

Symbols Xn,N,F Risk Phrases 65, 52/53, 11

10 % BUTANE

Symbols F+ Risk Phrases 12

**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**

R10 Flammable

R11 Highly Flammable

R12 Extremely Flammable

R20/21 Harmful by inhalation and in contact with skin

R38 Irritating to the skin

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R65 Harmful: may cause lung damage if swallowed.

## 3. HAZARDS IDENTIFICATION

### **HAZARDS**

Harmful

Extremely Flammable

### **RISKS**

Harmful by inhalation and in contact with skin

Irritating to the skin

Extremely Flammable

### **SAFETY ADVICE**

Do not breath vapour/spray

Avoid contact with the eyes

Use only in well ventilated areas.

Keep out of reach of children

### **FURTHER ADVICE**

Skin irritation may result if exposed to skin. Eye irritation may result if splashed into eyes. Over exposure to inhalation may cause dizziness, headaches and nausea. In severe cases unconsciousness or coma may result. May irritate

Respiratory System.

## 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. Avoid sunlight or other sources of UV radiation.  
**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** - Carbon-Dioxide, Dry Powder, Water Spray Mist.

**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**

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in sect. 7&8. 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

## **7. STORAGE AND HANDLING**

**STORAGE PRECAUTIONS** - Store in accordance with the conditions of the licence which is necessary under the Petroleum (Consolidation) Act (1927). See the HSE guidance note Storage of Flammable Liquids in Containers. 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. The principles contained in the HSE's guidance note Storage of Packaged Dangerous Substances should be observed when storing this product.

**HANDLING PRECAUTIONS** - Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Prevent creation of explosive or flammable mixtures and avoid vapour concs higher than the OEL. Do not use in areas where potential sources of ignition exist. Electrical equipment should be protected to the appropriate standard. Use non sparking tools & exclude sources of heat, sparks & flames. 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. Pressurised container, do not pierce or burn even after use. Do not spray on a naked flame or incandescent material.

## **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

### **OCCUPATIONAL EXPOSURE LIMITS**

#### **XYLENE, MIXTURE OF ISOMERS**

Long Term: 50 ppm & 220 mgm/m<sup>3</sup>

Short Term: 100 ppm & 441 mgm/m<sup>3</sup>

Notation Sk OES

#### **NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (CONTAINS <0.1% BENZENE)**

Long Term: 1000 mgm/m<sup>3</sup>

Notation SUP OES

#### **BUTANE**

Long Term: 600 ppm & 1450 mgm/m<sup>3</sup>

Short Term: 750 ppm & 1810 mgm/m<sup>3</sup>

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 ppe, including rpe, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.

**RESPIRATORY PROTECTION** - Air fed respiratory equipment should be worn when sprayed if levels cannot be controlled below OEL's and engineering methods cannot be reasonably improved.

**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** - YELLOWISH AEROSOL

**Flash Point**

**Lower Explosion Limit** - 0.6% volpar

## **10. STABILITY AND REACTIVITY**

Stable under the recommended storage & handling conditions (see Sect.7). In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide, and oxides of nitrogen may be produced. Keep away from oxidising agents and strongly alkaline and acid materials to prevent the possibility of an exothermic reaction.

## **11. TOXICOLOGICAL INFORMATION**

There is no data available on the product itself. In the case of some components there is evidence of skin penetration and possible harmful effects. Exposure to organic solvent vapours may result in adverse health effects such as irritation of the mucous membrane and respiratory system and adverse effects on the renal and central nervous systems. Symptoms include headaches, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases unconsciousness. Splashes in the eyes may cause irritation and reversible local damage. Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Inhalation of vomit may cause Aspiration Pneumonitis resulting in coughing, difficult breathing, wheezing, coughing up of blood and pneumonia, which can be fatal.

## **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. Aerosol product - do not puncture or burn cans.

## **14. TRANSPORT INFORMATION**

**UN No** - 1950

**Class** - 2

**Designation** - AEROSOLS

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

## **REGULATORY INFORMATION**

### **CLASSIFICATION**

Harmful  
Extremely Flammable

## **CONTAINS**

### **RISKS PHRASES**

Harmful by inhalation and in contact with skin  
Irritating to the skin  
Extremely Flammable

### **SAFETY PHRASES**

Do not breath vapour/spray  
Avoid contact with the eyes  
Use only in well ventilated areas.  
Keep out of reach of children

## **16. OTHER INFORMATION**

**Date of Origination - 15/03/96**

**Date of Last Revision - 26/07/00**

**Reason for Revision -**

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)