

MATERIAL SAFETY DATA SHEET

Ideal iLW Concentrate

SECTION 1: IDENTIFICATION OF MATERIAL AND SUPPLIER

Product name Ideal iLW Concentrate
Other names not applicable
Recommended use: Photopolymer washout liquid concentrate

Supplier name Astron Industries Pty Ltd
Address 8-10 Norwich Avenue
Thomastown, Victoria, 3074
Telephone no. 03 9460 7577 (09:00 – 17:00 hours)

SECTION 2: HAZARDS IDENTIFICATION

HAZARDOUS IRRITANT (Xi) SUBSTANCE. NON-DANGEROUS GOODS based on NOHSC (National Occupational Health & Safety Commission) :1008 (2004).

Inhalation May cause irritation to respiratory tract if used in poorly ventilated or confined spaces.
Ingestion May cause nausea, diarrhoea, vomiting
Eye contact Causes irritation with excess blinking, redness, tear production, swelling with injury to cornea.
Skin contact May cause irritation or dermatitis. Prolonged contact may cause more severe irritation, redness, and swelling.

Risk phrase(s)
R36 Irritating to eyes

Safety phrase(s)
S24 Avoid contact with skin
S28 After contact with skin wash with plenty of water
S36/37 Wear suitable protective clothing and gloves

SECTION 3: COMPOSITION/INGREDIENT INFORMATION

Name	CAS	Proportion
Triethanolamine Lauryl Sulfate	068908-44-1	30 – 60%
Non-hazardous Ingredients		40 – 70%

SECTION 4: FIRST AID MEASURES

Inhalation If coughing, irritation or tightness of chest is experienced, remove to fresh air. Get medical attention if symptoms persist.

Ingestion If this material is swallowed, drink several glasses of water then seek medical aid immediately.

Eye contact Immediately flush the eyes with copious amounts of water, occasionally lifting lower and upper eyelids. Continue for 15 minutes. If irritation persists, seek medical attention.

Skin contact In case of skin contact remove contaminated clothing and wash thoroughly with water. Seek medical attention if rash develops. Launder contaminated clothing before reuse.

Advice to doctor: *There is no specific antidote. Treatment of overexposure should be directed at control of symptoms and the clinical condition of the patient. Due to the irritant and surfactant action of the material, if it is aspirated during swallowing or vomiting there may be lung injury. Therefore, emesis should not be induced by mechanical or pharmacological means. If it is considered that evacuation of the stomach contents is necessary, this should be done by means least likely to result in aspiration eg. The use of gastric lavage in the presence of endotracheal intubation.*

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media Dry chemical and Carbon dioxide foam
Non-flammable product. Water must be evaporated before product burns.

Hazards from combustion products

Fire may produce toxic thermal decomposition products

Special protective precautions

Fire fighters should wear self-contained breathing apparatus

Equipment for fire fighters Wear a self-contained breathing apparatus with full-face piece operated in pressure demand or positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency procedures

Recover as much material as practical. Soak up the balance with sand or other absorbent. Transfer residue to appropriate disposal containers. Once cleaned the site of the spillage may be rinsed thoroughly with water.

Methods and materials for containment and clean up.

Residues may need to be disposed of as special waste/chemical waste. Alternatively, where spills are small washings may be discharged into the municipal water treatment system.

SECTION 7: HANDLING AND STORAGE

Safe handling Spilled material is slippery on walkways. Material foams profusely when hit with stream of water. Wash thoroughly after handling. Keep away from eyes. Avoid contact with skin and clothing.

Safe storage Protect from freezing. Store in cool place out of direct sunlight. Store away from sources of heat or ignition. Store away from acids. Keep containers closed at all times – check periodically for leaks.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards Not available

Biological limit values No biological limit allocated.

Engineering controls Provide general or local exhaust ventilation systems. Local exhaust is preferred because it prevents contaminant dispersion into work area by control at source.

Personal protective equipment

Wear chemically protective gloves to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles. Contact lenses are not eye protective devices, and appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Practise good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet or applying cosmetics.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, fluid liquid
Odour	Slightly ammoniacal, detergent odour
PH	7.5 – 8.5
Vapour pressure	760 mmHg @ 100°C
Vapour density	Not applicable (air=1)
Boiling point/range	Foams at 93 °C
Freezing/melting point	Not determined
Water Solubility	Soluble
Specific gravity or density	1.02 at 25°C
Viscosity	<100 cP

SECTION 10: STABILITY AND REACTIVITY

Chemical stability Product is stable at room temperature in closed containers under cool well ventilated conditions.

Conditions to avoid Temperatures >65°C

Incompatible materials Decomposes at temperatures >65°C or in presence of strong acids

Hazardous reactions Not available

Hazardous decomposition products When heated to decomposition, emits toxic fumes of SO_x, CO_x, and NO_x

SECTION 11: TOXICOLOGICAL INFORMATION

Acute oral effects Toxic by ingestion

Acute inhalation effects Human inhalation TC_L not determined

Eyes 46 mg/24 hour eye - rabbit, moderate

Skin 10 mg/34 hour skin – rabbit, mild

Reproductive toxicity, mutagenicity, teratogenicity, None established

Carcinogenicity NTP, IRAC and OSHA not listed

Sensitisation None established

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity Not available
Persistence and degradability Not available
Mobility Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of product/spills in accordance with local, State and Federal regulations at an approved waste disposal facility by incineration and/or approved landfill for chemical/special waste.

SECTION 14: TRANSPORT INFORMATION

UN number Not allocated (not subject to transport regulations)
UN proper shipping name Not allocated
Class and subsidiary risk Not allocated
Packing group Not allocated
Special precautions for user Not determined
Hazchem Code Not allocated

Not classified for DOT, IATA or IMDG.

SECTION 15: REGULATORY INFORMATION

No Poisons Schedule number allocated to the substance.

SECTION 16: OTHER INFORMATION

Date of Preparation June 2010.
Date of Review August 2012.

End of Material Safety Data Sheet