ITW Polymers & Fluids

SAFETY DATA SHEET

APPLIED SOLV-8

Infosafe No.: 5AP3X
ISSUED Date : 04/03/2014
ISSUED by: ITW POLYMERS & FLUIDS

1. IDENTIFICATION

GHS Product Identifier
APPLIED SOLV-8

Product Code
A8338

Company Name
ITW POLYMERS & FLUIDS (ABN 63 004 235 063)

Address
100 Hassall Street Wetherill Park
NSW 2164 Australia

Telephone/Fax Number
Tel: 1800 063 511; +61 2 9757 8800
Fax: 1800 803 596; +61 2 9757 3855

Emergency phone number
1800 385 556 / 0438 465 960

E-mail Address
info@itwpf.com.au

Recommended use of the chemical and restrictions on use
Multi purpose degreaser, cleaner.

Other Names

Name	Product Code
APPLIED 8-338	A8338

Disclaimer
*
Websites:
www.itwpf.com.au
*
Fluid Chemicals NZ
5A Andrew Baxter Drive, Airport Oaks, Auckland, 2150
Postal Address: P.O. Box 201185 , Auckland Airport, 2150, New Zealand
EMERGENCY TEL: 0800 154 666

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture
Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.
Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.

Classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.
Aspiration Hazard: Category 1
Eye Damage/Irritation: Category 1
Flammable Liquids: Category 3
Sensitization - Skin: Category 1
Skin Corrosion/Irritation: Category 2

Signal Word (s)
DANGER

Hazard Statement (s)
Flammable liquid and vapour.
Causes serious eye damage.
May be fatal if swallowed and enters airways.
Causes skin irritation.
May cause an allergic skin reaction.

Pictogram (s)
Flame,Corrosion,Health hazard,Exclamation mark

Precautionary statement – Prevention
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash contaminated skin thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
Get medical advice/attention if you feel unwell.
Do NOT induce vomiting.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
If skin irritation or rash occurs: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.

Precautionary statement – Storage
Store in a well-ventilated place. Keep cool.
Store locked up.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
d-Limonene		30-60 %
Hydrocarbons, liquid		10-30 %
Ingredients determined not to be hazardous		To 100%
Ethoxylated nonylphenol surfactant		10-<20 %

4. FIRST-AID MEASURES

Inhalation
Remove from exposure. Keep warm and at rest until fully recovered. If there are breathing difficulties or fluid has been drawn into the lungs, seek immediate medical attention.

Ingestion
If swallowed do NOT bring about vomiting as fluid may be drawn into the airways and cause lung damage. Rinse any Solv-8 from the mouth. Give water and seek medical advice. If patient does vomit give more water.

Skin
Remove soiled clothing and rinse skin with water, then wash skin with soap and water. If irritation continues or returns see a doctor.

Eye contact
If this product comes in contact with the eyes:
Wash out immediately with fresh running water.
Seek medical attention without delay. If pain continues or returns seek medical attention.

First Aid Facilities
Eye wash station, safety shower and normal washroom facilities are recommended.

Advice to Doctor
Any material aspirated during vomiting may produce lung injury. Therefore emesis should not be induced mechanically or pharmacologically. Mechanical means should be used if it is considered necessary to evacuate the stomach contents; these include gastric lavage after endotracheal intubation. If spontaneous vomiting has occurred after ingestion, the patient should be monitored for difficult breathing, as adverse effects of aspiration into the lungs may be delayed up to 48 hours.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Use dry chemical or foam. Water spray can be used to keep containers cool and to flush spills away from fire.

Hazards from Combustion Products
Carbon monoxide and carbon dioxide may be released.

Special Protective Equipment for fire fighters
Full protective clothing and self-contained breathing apparatus.

Specific Hazards Arising From The Chemical
Vapour is heavier than air and may spread along the ground and collect in low areas.
Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result.

Hazchem Code
3[Y]

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures
Spills may be slippery. Workers not needed for the clean-up should be removed from the area. Ventilate area thoroughly. Use protective gloves to reduce skin contact. Shut off all possible sources of ignition. Make sure that any products of incompatible classes near the spill are taken out of the area.

Methods And Materials For Containment And Cleaning Up
Small spills can be wiped up. CAUTION: Rags, mops and cloths that have been soiled with Solv-8 may autoxidise and generate heat, smoulder, ignite and burn. Soiled materials should be rinsed thoroughly in water and disposed in closed, non-combustible containers. Rinse area thoroughly with plenty of water.
*

Large spills should be absorbed by dirt or sand. Place waste material in closed, labelled non-combustible containers. Absorbent and absorbed material should be disposed of in a suitable, approved chemical dump. Rinse area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Precautions for Safe Handling
Put out any naked flames. Remove ignition sources. Avoid sparks. Do not smoke.
Provide enough fresh air so that the Occupational Exposure Limit (OEL) is not exceeded.

Conditions for safe storage, including any incompatibilities
To avoid deterioration, store in a cool place and out of direct sunlight in sealed containers. If transfer to another container becomes necessary ensure the container is clearly labelled, the container is of a type suitable for the product, and is clean and free of other materials. Do not store near strong oxidants, or other products of incompatible classes.

Storage Regulations
This product is classified as a Class 3 Dangerous Good and should be stored according to the local Storage and Handling of Dangerous Goods regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values
The ingredient Hydrocarbon Liquid has a Threshold Limit Value(TLV) of 300 ppm.

Biological Limit Values
None allocated

Appropriate Engineering Controls
Ensure that adequate ventilation (fresh air) is provided to meet exposure standards and that electrical fittings are flame and explosion proof.

Respiratory Protection
If ventilation (amount of fresh air) is inadequate, use a respirator with organic vapour filter.
A respirator is a piece of equipment that is worn to prevent breathing in harmful fumes, vapours or mists.

Eye Protection
Safety glasses with side shield or face shield

Hand Protection
Nitrile rubber gloves

Footwear
Safety boots

Body Protection
Overalls or apron

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Clear orange liquid

Odour
Citrus fragrance.

Boiling Point
Not measured

Solubility in Water
Complete

Specific Gravity
Approx 0.88

pH
(Concentrate): Approx 6
(10% dilution): Approx 6-8

Vapour Pressure
Not measured

Evaporation Rate
Faster than water

Volatile Component
Not measured

Flash Point
52.2°C

Flammability
This product is flammable.

Flammable Limits - Lower
Flammable

Flammable Limits - Upper
Flammable

10. STABILITY AND REACTIVITY

Chemical Stability
Product is stable under normal conditions of use, storage and temperature

Conditions to Avoid
Avoid excessive heat and static discharges. Under storage conditions, avoid direct sunlight and exposure to air.

Incompatible materials
Oxidising agents, acids, peroxides, halogens and vinyl chloride.

Hazardous Decomposition Products
Carbon monoxide and carbon dioxide will be generated on burning

11. TOXICOLOGICAL INFORMATION

Acute Toxicity - Oral
For the component, nonylphenol, ethoxylated LD50 Oral Rat 200 to 2000 mg
For the component, D-Limonene LD50 of 4400 mg/kg (rat).

Acute Toxicity - Dermal
For the component, Nonylphenol, ethoxylated LD50 Dermal Rabbit >3160 mg/kg

Ingestion
May cause irritation to the gastro-intestinal tract, vomiting, dizziness and diarrhoea. Liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis.

Inhalation
May cause irritation to the respiratory system. Overexposure may be evident through dizziness, nausea and headaches.

Skin
May cause irritation, drying to the skin. Repeated or prolonged contact with skin can cause dermatitis.

Eye
May cause irritation and reddening of the eyes.

Skin Sensitisation
Oxidation by-products of d-Limonene are considered by NICNAS to be skin sensitisers. Any individual with a known allergy to cirtus fruits and their products should avoid contact with products containing d-limonene.

Chronic Effects
Long-term exposure may lead to dermatitis.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Not known for product, however the component d-limonene is toxic to aquatic organisms. Avoid contaminating waterways.

Mobility
No information for this product

Acute Toxicity - Fish
For the component d-Limonene (concentrate): LC50 96hr <1mg/L

Acute Toxicity - Daphnia
For the component d-Limonene (concentrate):EC50 48hr <1mg/L

Acute Toxicity - Algae
For the component d-Limonene (concentrate):IC50 75hr <1mg/L

13. DISPOSAL CONSIDERATIONS

Waste Disposal
Dispose of in accordance with all local, state and federal regulations

Product Disposal
As for waste disposal.

Container Disposal
Drain container thoroughly.
After draining, vent in a safe place away from sparks and fire.
Keep container labelled until cleaned and then remove or deface labels.
Ensure container is dry before disposing with licensed disposal contractor.

14. TRANSPORT INFORMATION

Transport Information
Dangerous Goods of Class 3 Flammable Liquids, are incompatible in a placard load with any of the following: - Class 1, Class 2.1, if both the Class 3 and Class 2.1, dangerous goods are in bulk, Class 2.3, Class 4.2, Class 5, Class 6, if the Class 3 dangerous goods are nitromethane and Class 7.

U.N. Number
2319

UN proper shipping name
TERPENE HYDROCARBONS, N.O.S.(CONTAINS d-LIMONENE)

Transport hazard class(es)
3

Packing Group
III

Hazchem Code
3[Y]

EPG Number
3A1

IERG Number
15

15. REGULATORY INFORMATION

Poisons Schedule
S5

Australia (AICS)
All components listed.

16. OTHER INFORMATION

Date of preparation or last revision of SDS
Replaces SDS dated 19 Feb 2009

References
Australian Code for the Transport of Dangerous Goods by Road and Rail.
International Maritime Dangerous Goods Code.
International Air Transport Association Dangerous Goods Regulations.
Sigma-Aldrich Library of Chemical Safety Data 2nd Ed (1988)., Lenga, Robert
Globally Harmonised System of Classification and Labelling of Chemicals,ST/SG/AC.10/30, United Nations 2003
Supplier Safety Data Sheets

Contact Person/Point
This Safety Data Sheet summarises at the date of issue to the best of our knowledge, the health and safety hazards of the product and how to safely handle and use the product.
As ITW Polymers & Fluids cannot anticipate or control the conditions under which the product is used, customers are encouraged, prior to usage, to assess and control the risks associated with their use of the product.
Data sheets from unauthorised sources may contain information that is no longer current or accurate.
This SDS is valid for 5 years from date of issue. However, this version may be revoked and revised at any time, and users should contact ITW Polymers & Fluids to ensure they are in possession of the latest version.

Signature of Preparer/Data Service
AMS

END OF SDS

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