ITW Polymers & Fluids

SAFETY DATA SHEET

APPLIED 8-370 SOLVENT-BASED DEGREASER

Infosafe No.: 1AP0Y
ISSUED Date : 05/07/2017
ISSUED by: ITW POLYMERS & FLUIDS

1. IDENTIFICATION

GHS Product Identifier
APPLIED 8-370 SOLVENT-BASED DEGREASER

Product Code
A8370

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
The removal of oil and grease from metals, machinery (automotive, rail and marine), petroleum and power plant equipment, tiled or concrete floors, workshops, etc.

Disclaimer
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Websites:
www.itwpf.com.au
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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.
Not 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.
Not 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
Carcinogenicity: Category 2

Eye Damage/Irritation: Category 1
Flammable Liquids: Category 4

Signal Word (s)
DANGER

Hazard Statement (s)
Combustible liquid.
May be fatal if swallowed and enters airways.
Causes serious eye damage.
Suspected of causing cancer by inhalation.

Pictogram (s)
Corrosion,Health hazard

Precautionary statement – Prevention
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Wear protective gloves/protective clothing/eye protection/face protection.
Use personal protective equipment as required.

Precautionary statement – Response
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Immediately call a POISON CENTER or doctor/physician.
Do NOT induce vomiting.

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Petroleum high flash solvent	8008-20-6	>60 %
ethylene glycol monobutyl ether	111-76-2	0-10 %
High Flash Aromatic Solvent	64742-94-5	0-10 %
Naphthalene	91-20-3	0-<2 %
Alcohols C12-C14, Ethoxylated	68439-50-9	5-<15 %
Other ingredients determined not to be hazardous, including water		Balance

4. FIRST-AID MEASURES

Inhalation
Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment. Remove contaminated clothing.

Ingestion
If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

Skin
If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available.

Eye contact
If in eyes, hold eyes open, flood with water for at least 15 minutes. If symptoms persist transport to nearest medical facility for additional treatment.

First Aid Facilities
Potable water should be available to rinse eyes or skin.

Advice to Doctor
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Foam, water spray or fog, dry chemical powder. Do not use water in a jet.

Hazards from Combustion Products
Will float and can be reignited on surface water. Vapour is heavier than air, can spread along ground and distant ignition is possible.

Special Protective Equipment for fire fighters
Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

Precautions in connection with Fire
This product has a risk of fuelling a fire in progress. Remove ignition sources if safe to do so.
Combustible

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures
Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Remove all sources of ignition in the surrounding area. Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. Take precautionary measure against static discharge. Ensure electrical continuity by bonding and earthing all equipment.

Methods And Materials For Containment And Cleaning Up
Use absorbent (soil or sand, sawdust, inert material, vermiculite). Transfer to a labelled, sealable container for product recovery or safe disposal. Retain as contaminated waste. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely. Mop up and wash down with copious volumes of water. Prevent wash down water from contaminating waterways.

7. HANDLING AND STORAGE

Precautions for Safe Handling
Keep away from sources of ignition.
Secure lid tightly after use.
Ensure that ventilation is adequate to maintain the work atmosphere below the exposure limits.
Avoid breathing product spray or mists.
Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Electrostatic charges may be generated during transfer. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment.

Conditions for safe storage, including any incompatibilities
Store in a cool, dry place away from direct heat and sunlight.
Store in a well ventilated place away from ignition sources.
Do not store near strong oxidants.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

Substance	Regulations	Exposure Duration	Exposure Limit	Units	Notes
ethylene glycol monobutyl ether		TWA	25	ppm	
ethylene glycol monobutyl ether		TWA	121	mg/m3	
Naphthalene		TWA	10	ppm	
Naphthalene		TWA	52	mg/m3	
Naphthalene		STEL	15	ppm	
Naphthalene		STEL	79	mg/m3	

Biological Limit Values
None allocated

Other Exposure Information
For Petroleum high flash solvent, in the absence of data from Safe Work Australia use -
Mineral Spirits 350mg/m³ TWA (8hr)

Appropriate Engineering Controls
Local exhaust ventilation system may be required.
Use in a well ventilated area only.
Avoid generation and inhalation of mists or aerosols.

Respiratory Protection
If work practices do not maintain airborne level below the exposure standard, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter and select a filter for organic gases and vapours (boiling point > 65°C).

Eye Protection
Chemical goggles or face shield

Hand Protection
PVC or nitrile rubber gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
An amber to brown, mobile liquid with a distinct solvent odour.
Emulsible in water to produce relatively stable emulsions.

Melting Point
<0°C

Boiling Point
174 - 350°C

Specific Gravity
.855 at 20°C

pH
N/A

Vapour Pressure
<0.1 mm Hg at 20°C

Flash Point
74°C Open Cup

Flammability
Combustible.
Non flammable.

Avoid all ignition sources.
Will burn if involved in a fire.

Flammable Limits - Lower
Not Required

10. STABILITY AND REACTIVITY

Chemical Stability
Stable under normal conditions of use.

Conditions to Avoid
Avoid heat, sparks, open flames and other ignition sources.

Incompatible materials
Strong oxidising agents.

Hazardous Decomposition Products
Carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal degradation.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity - Oral
Expected to be of low toxicity.

Ingestion
Ingestion can result in nausea,vomiting,diarrhoea,abdominal pain,and/or convulsions.
Causes spontaneous vomiting.
May be harmful if swallowed.

Inhalation
Harmful by inhalation.
May cause irritation to the nose and throat.
Inhalation of vapour can result in headaches, dizziness and possible nausea.

Skin
Repeated or prolonged skin contact may lead to irritation.
Will have a defatting effect on the skin.
Irritant dermatitis may result from working with this material.

Eye
May cause watering of eyes.
A severe eye irritant.
May cause conjunctivitis.
Contamination of eyes can result in permanent injury.
May cause soreness.

Carcinogenicity
This material has been classified as a Category 2 Carcinogen due to the presence of naphthalene which is a component of High Flash Aromatic Solvent

Aspiration Hazard
Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

Chronic Effects
None known.

12. ECOLOGICAL INFORMATION

Persistence and degradability
The formulated product has not been tested. If tested, it is expected that it would comply with the ingredient pass criteria in AS 4351.1-1996 clause 6.2.3. as readily biodegradable.

Mobility
Floats on water. Adsorbs to soil and has low mobility.

Environmental Protection
Special attention should be given to collecting free oil in triple interceptor type apparatus before entering drains.

13. DISPOSAL CONSIDERATIONS

Waste Disposal
Refer to Waste Management Authority in your state. Dispose of material through a licenced waste contractor.

Container Disposal
After draining, vent in a safe place away from sparks and fire.
Rinse out container with water and dispose with licensed recycler.
Residues may cause an explosion hazard. Do not puncture cut or weld uncleaned drums.

14. TRANSPORT INFORMATION

U.N. Number
None Allocated

UN proper shipping name
None Allocated

Transport hazard class(es)
None Allocated

15. REGULATORY INFORMATION

Poisons Schedule
S5

Packaging & Labelling
This product contains a Scheduled Poison (S5) and must therefore be stored, maintained and used in accordance with the relevant State Poisons Act.
Not defined as a 'Dangerous Good' by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Australia (AICS)
All ingredients listed.

16. OTHER INFORMATION

Date of preparation or last revision of SDS
Replaces MSDS dated 11 Jul 2011

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.
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