

SAFETY DATA SHEET

APPLIED 4-850 GENERAL PURPOSE CLEANER

Infosafe No.: 1AP11
ISSUED Date : 04/04/2016
ISSUED by: ITW POLYMERS & FLUIDS

1. IDENTIFICATION

GHS Product Identifier

APPLIED 4-850 GENERAL PURPOSE CLEANER

Product Code

A4850

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@itwpcf.com.au

Recommended use of the chemical and restrictions on use

A general purpose cleaner for almost any method of cleaning and for practically any surface. It is suitable for general cleaning, floor cleaning, steam cleaning and foam cleaning.

Disclaimer

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Websites:

www.itwpcf.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.

Eye Damage/Irritation: Category 1

Skin Corrosion/Irritation: Category 2

Signal Word (s)

DANGER

Hazard Statement (s)

Causes skin irritation.

Causes serious eye damage.

Pictogram (s)

Corrosion

**Precautionary statement – Prevention**

Wash contaminated skin thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

Other Information

**Note: the formula for this product is unchanged.

The calculation rules used by GHS require that in most instances, products containing greater than 3% surfactant are classified as Serious Eye Damage Cat 1. This requires the Danger signal word and Corrosive pictogram on the label. Under the previous NOHSC classification rules, products containing similar levels of surfactant would be classified as either non-hazardous or irritant.*

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Alcohols C12-C14, Ethoxylated	68439-50-9	1-<15 %
Sodium hydroxide	1310-73-2	<2 %
Sodium nitrite	7632-00-0	0-<1 %
Water	7732-18-5	Balance

4. FIRST-AID MEASURES

Inhalation

Seek medical advice.

Remove victim from exposure - avoid becoming a casualty.

Ingestion

Rinse mouth thoroughly with water immediately.

Give plenty of water to drink.

Seek medical advice if effects persist.

Skin

Wash affected areas with copious quantities of water immediately.

Remove contaminated clothing and wash before re-use.

Eye contact

Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open.

Seek medical advice if effects persist.

First Aid Facilities

Eye wash and normal washroom facilities.

Advice to Doctor

Treat symptomatically.

Other Information

Use good occupational work practice.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

For large fires use foam, water fog, fine water spray, carbon dioxide or dry chemical powder. Do not use water jets.
For small fires use foam, dry chemical, carbon dioxide or water spray.

Hazards from Combustion Products

On burning will emit toxic fumes including oxides of carbon and nitrogen.

Special Protective Equipment for fire fighters

Proper protective equipment including breathing apparatus.

Specific Hazards Arising From The Chemical

Non combustible

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Isolate leaking containers and stop leak if safe to do so. Remove unnecessary personnel from the area.

Methods And Materials For Containment And Cleaning Up

Use absorbent (soil or sand, sawdust, inert material, vermiculite). Sweep up. Collect and seal in properly labelled drums for disposal.
Dispose as industrial waste. Wash away residues with water. Slippery when spilt. Avoid accidents, clean up immediately.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid eye and repeated or prolonged skin contact. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Do not dispose of material to sewers or waterways.

Conditions for safe storage, including any incompatibilities

Store in a cool place and out of direct sunlight. Keep containers closed at all times - check regularly for leaks.

Storage Regulations

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

Substance	Regulations	Exposure Duration	Exposure Limit	Units	Notes
Sodium hydroxide		TWA	2	mg/m ³	Peak limitation

Biological Limit Values

No biological limit values allocated

Appropriate Engineering Controls

Use with adequate ventilation.
Avoid generation and inhalation of mists or aerosols.

Respiratory Protection

Wear an appropriate mask or respirator when using product in steam cleaning.

Eye Protection

Wear when handling the concentrate - safety glasses or goggles. If generating mists or sprays using the diluted product, safety glasses are recommended.

Hand Protection

PVC or rubber gloves.

Footwear

Enclosed footwear

Body Protection

Appropriate protective clothing.

Other Information

Always wash hands before smoking, eating, drinking or using the toilet. Avoid repeated and prolonged skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Clear blue, viscous liquid with a faintly sweet odour.
Soluble in water to produce foaming solutions.

Melting Point

<0°C

Boiling Point

approx 100°C

Specific Gravity

1.03 ± 0.01 at 20°C

pH

As received 12.4 ± 0.2 1% soln 11.5 ± 0.2

Vapour Pressure

18 mm Hg at 20°C

Flash Point

Non flammable

Flammability

Non combustible. Non flammable.

Flammable Limits - Lower

Not Required

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal use conditons.

Conditions to Avoid

Excessive heat in storage

Hazardous Decomposition Products

Oxides of nitrogen and carbon

Possibility of hazardous reactions

None known

11. TOXICOLOGICAL INFORMATION

Ingestion

Ingestion can cause nausea and vomiting.

May cause irritation to mouth, throat and stomach.

Inhalation

Inhalation may be harmful.

Inhalation of mists or aerosols may produce respiratory irritation when the product is used in steam cleaning.

Skin

Repeated or prolonged skin contact may lead to irritation.

Will have a defatting effect on the skin.

Eye

Contamination of eyes can result redness, tearing, blurriness and irritation. If product is not washed out immediately, serious damage may occur.

Chronic Effects

None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product has not been tested however based on GHS guidelines for classification of mixtures, the concentrate is expected to be toxic, (LC/EC50 1-10 mg/l), to aquatic organisms.

Persistence and degradability

Contains a mix of organic and inorganic ingredients. Organic components are readily biodegradable or expected to be readily biodegradable according to the AS 4351 Part 2 test method.

Mobility

Soluble in water

13. DISPOSAL CONSIDERATIONS

Waste Disposal

The preferred waste management option for unused, uncontaminated, unformulated, or not otherwise altered material, is to send to an approved recycler, reclaimer, or incinerator.

14. TRANSPORT INFORMATION

Transport Information

Not dangerous for conveyance under UN, IMO and IATA/ICAO codes.

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

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.

Australia (AICS)

All ingredients listed

16. OTHER INFORMATION

Date of preparation or last revision of SDS

Replaces MSDS dated 4Apr2012

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

LENGA, Robert E. (Ed.) 'Safety', The Sigma-Aldrich Library of Chemical

Safety Data, Sigma-Aldrich Corporation, Edition II

1988.

MERCK INDEX - Merck & Company, Rahway, N.J. 1989

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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