

SAFETY DATA SHEET

APPLIED 4855 SPRAY CLEANER

Infosafe No.: 2AP2R
ISSUED Date : 08/12/2014
ISSUED by: ITW POLYMERS & FLUIDS

1. IDENTIFICATION

GHS Product Identifier

APPLIED 4855 SPRAY CLEANER

Product Code

A4855

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 spray cleaner for ferrous metals and non ferrous metals.
It can be used without a rinse where temporary corrosion inhibition is required.

Other Names

Name	Product Code
APPLIED 4855	A4855

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.

Acute Toxicity - Oral: Category 4

Eye Damage/Irritation: Category 2A

Skin Corrosion/Irritation: Category 2

Signal Word (s)

WARNING

Hazard Statement (s)

Harmful if swallowed.

Causes skin irritation.

Causes serious eye irritation.

Pictogram (s)

Exclamation mark



Precautionary statement – Prevention

Wash contaminated skin thoroughly after handling.

Do not eat, drink or smoke when using this product.

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

Precautionary statement – Response

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Rinse mouth.

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.

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

If eye irritation persists: Get medical advice/attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Sodium nitrite	7632-00-0	<5 %
Sodium silicate	1344-09-8	1-5 %
Water and other ingredients not considered hazardous	n/a	Balance
Sodium hydroxide	1310-73-2	<2 %

4. FIRST-AID MEASURES

Inhalation

Not considered a feature of normal use.

Ingestion

Do NOT induce vomiting. Give plenty of water to drink. Seek Medical Attention.

Skin

Wash affected areas with copious quantities of water.

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 attention.

First Aid Facilities

Eye wash station, safety shower and normal washroom facilities.

Advice to Doctor

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use water fog or spray, foam, dry chemical or carbon dioxide for surrounding fires as governed by adjacent materials.

Special Protective Equipment for fire fighters

Full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Slippery when spilt. Avoid accidents, clean up immediately. Clear area of any persons not wearing PPE. Contain spill if safe to do so. Prevent from entering waterways and drains.

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. Wash away residues with water.

7. HANDLING AND STORAGE

Precautions for Safe Handling

When using do not eat, drink or smoke.

Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Store in original labelled containers. Keep container tightly closed in a dry, well-ventilated place.

Storage Regulations

This product contains a Scheduled Poison (S6) and must therefore be stored, maintained and used in accordance with the relevant State Poisons Act.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

Substance	Regulations	Exposure Duration	Exposure Limit	Units	Notes
Sodium hydroxide		TWA	2	mg/m3	Peak limitation

Appropriate Engineering Controls

Use with adequate ventilation.

Avoid generation and inhalation of mists or aerosols.

Eye Protection

Safety glasses should be worn when handling concentrate.

Hand Protection

Rubber or PVC gloves should be worn when handling concentrate.

Footwear

Enclosed footwear at all times

Body Protection

When handling concentrate, wear protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

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

Melting Point

<0°C

Boiling Point

approx 100°C

Specific Gravity

1.06

pH

neat 12.1 ± 0.2 1% soln 10.5 ± 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.

Incompatible materials

Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity - Oral

For the individual ingredients:

Sodium nitrite(concentrate): Oral LD50 rat 180mg/kg

Sodium silicate(concentrate): Oral LD50 rat 1960mg/kg

Sodium hydroxide(concentrate):Oral LD50 rat 500mg/kg

LD50 values for these ingredients in the formulated product exceed 1,000mg/kg.

Ingestion

Ingestion can cause nausea and vomiting.

May cause irritation to mouth, throat and stomach.

Inhalation

Practically non-harmful by inhalation.

Skin

Repeated or prolonged skin contact may lead to irritation.

Will have a defatting effect on the skin.

Eye

A moderate eye irritant.

12. ECOLOGICAL INFORMATION

Persistence and degradability

The formulated product has not been tested. Major organic constituents are considered readily biodegradable.

Environmental Protection

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Product Disposal

Recycle or dispose of in accordance with prevailing regulations, preferably to a recognised collector or contractor.

Container Disposal

Rinse out container with water and dispose with drum or plastics recycler.

14. TRANSPORT INFORMATION

Transport Information

Road and Rail Transport

NOT Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code).

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Marine Transport

NOT Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

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Air Transport

NOT Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

Storage and Transport

Keep containers securely sealed and protected against physical damage.

Ensure containers are clearly labelled.

15. REGULATORY INFORMATION

Poisons Schedule

S6

Australia (AICS)

All relevant ingredients listed.

16. OTHER INFORMATION

Date of preparation or last revision of SDS

Replaces SDS dated 23/9/2009

References

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, Rahlway, 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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