

# SAFETY DATA SHEET

**APPLIED 5260**Infosafe No.: 1AP82  
ISSUED Date : 07/11/2016  
ISSUED by: ITW POLYMERS & FLUIDS

## 1. IDENTIFICATION

**GHS Product Identifier**

APPLIED 5260

**Product Code**

A5260

**Company Name**

ITW POLYMERS &amp; 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@itwcpf.com.au

**Recommended use of the chemical and restrictions on use**

Low foaming alkaline cleaner, suitable for use in spray cleaning equipment.

Applied 5260 is safe to use on all metals and gives good interstage rust prevention.

**Other Names**

Name	Product Code
APPLIED 5260 SPRAY CLEANING COMPOUND	A5260

**Disclaimer**

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Websites:

www.itwcpf.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.

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.

Acute Toxicity - Oral: Category 3

Skin Corrosion/Irritation: Category 1B

STOT Single Exposure: Category 3 (respiratory tract irritation)

#### Signal Word (s)

DANGER

#### Hazard Statement (s)

Toxic if swallowed.

Causes severe skin burns and eye damage.

May cause respiratory irritation.

#### Pictogram (s)

Skull and crossbones, Corrosion



#### Precautionary statement – Prevention

Do not breathe dust/fume/gas/mist/vapours/spray.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash contaminated skin thoroughly after handling.

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

Use only outdoors or in a well-ventilated area.

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

#### Precautionary statement – Response

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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

#### Precautionary statement – Storage

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Ingredients

Name	CAS	Proportion
Hexylene glycol	107-41-5	0-<1 %
Sodium nitrite	7632-00-0	5-10 %
Other ingredients determined not to be hazardous	-	Balance
Sodium Metasilicate (pentahydrate)	6834-92-0	>60 %

### 4. FIRST-AID MEASURES

#### Inhalation

Neat product and in-use solutions:

Remove victim to fresh air. If symptoms persist, seek medical attention.

#### Ingestion

Give water to drink. DO NOT induce vomiting.  
If vomiting occurs give further water to achieve effective dilution.  
Seek immediate medical attention

#### **Skin**

Wash affected areas with copious quantities of water immediately.  
Remove contaminated clothing and wash before re-use.  
Seek medical advice if effects persist.

#### **Eye contact**

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

#### **Advice to Doctor**

Treat symptomatically.

#### **Other Information**

Use good occupational work practice.

## **5. FIRE-FIGHTING MEASURES**

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#### **Specific Hazards Arising From The Chemical**

No unusual fire or explosion hazards.  
Non combustible  
In case of fire in the surroundings use the appropriate extinguishing method for the area.

#### **Hazchem Code**

2X

## **6. ACCIDENTAL RELEASE MEASURES**

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#### **Spills & Disposal**

Avoid breathing dust or vapours and contact with skin and eyes.  
Sweep up, but avoid generating dust.  
Isolate leaking containers and stop leak if safe to do so.  
Mop up and wash to drain with copious volumes of water.

## **7. HANDLING AND STORAGE**

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#### **Conditions for safe storage, including any incompatibilities**

No aluminium, light alloy, galvanised steel or glass should be used to store the neat material. On contact with aluminium or light alloys hydrogen gas may be evolved which can form an explosive mixture with air.  
Exothermic reaction (generation of heat) can occur if the neat product comes in contact with acids.  
Steel, stainless steel and alkali stable plastic materials are generally appropriate.  
Stable under ambient conditions.  
Keep containers sealed and protect against damage.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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#### **Occupational exposure limit values**

Substance	Regulations	Exposure Duration	Exposure Limit	Units	Notes
Hexylene glycol		TWA	25	ppm	Peak limitation
Hexylene glycol		TWA	121	mg/m3	Peak limitation

#### **Other Exposure Information**

This product should be considered as for Nuisance Particulates, i.e. TLV - 10 mg/m3.

#### **Appropriate Engineering Controls**

Avoid generating and inhaling dusts.

When using the neat material, provide sufficient ventilation to keep exposure to dust below 10mg/m<sup>3</sup>.

#### **Respiratory Protection**

Neat Product

Respiratory protection is normally only required for handling of the powder in confined spaces and where ventilation is inadequate. In these instances,

wear suitable respiratory protective equipment with type A/P2 filter or better.

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In-Use solutions

Respiratory protection is not normally required when the product is used at recommended dilutions of 10%w/v or less.

Respiratory protection should be considered if hazardous vapours are generated from the soil being removed during the bath process. Special consideration should be given to substances that may be heated above their boiling point.

#### **Eye Protection**

Neat Product:

Chemical goggles or safety glasses and face shield.

In-use solution @ 10%w/v or less:

Chemical goggles or safety glasses

#### **Hand Protection**

Neat Product:

PVC, nitrile rubber or similar alkaline resistant gloves

In-use solution @10%w/v or less:

Same as for neat product

#### **Footwear**

Neat product and in-use solutions:

Covered chemical resistant footwear

#### **Body Protection**

Neat product and in-use solutions:

Protective clothing that protects skin from contact.

#### **Hygiene Measures**

Wash thoroughly after handling.

Do not smoke, drink or eat while using.

#### **Other Information**

Classification of in-use solution.

When used at the recommended dilution of 10% w/v, the in-use solution has a GHS classification as follows:

Eye Damage Cat 1 - Causes serious eye damage (due to sodium metasilicate)

Skin Irritant Cat 2 - Causes skin irritation (due to sodium metasilicate)

Acute Toxicity (Oral) Cat 4 - Harmful if swallowed (due to sodium nitrite)

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

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#### **Appearance**

Pale brown, dampish powder with a distinct odour of pine oil.

Soluble in water to produce low foaming solutions.

#### **Melting Point**

>350°C

#### **Boiling Point**

Not Required

#### **pH**

1% soln 12.5 ± 0.1

#### **Vapour Pressure**

Not Required

#### **Flash Point**

Non flammable

**Flammability**

Non combustible. Non flammable.

**Flammable Limits - Lower**

Not Required

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## 10. STABILITY AND REACTIVITY

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**Chemical Stability**

Stable under normal use conditons.

**Possibility of hazardous reactions**

The solution in water is a medium strong base and reacts with reactive metals such as aluminium and galvanised iron to produce hydrogen gas.

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## 11. TOXICOLOGICAL INFORMATION

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**Toxicology Information**

For the ingredient, sodium metasilicate

Oral LD50 (rat): 1280 mg/kg

Skin: Human: 250 mg/24 hours : Severe

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For the ingredient, sodium nitrite:

Oral (rat) LD50: 157 mg/kg

Eye (rabbit): 500 mg/24hr - mild

**Ingestion**

Ingestion can result in nausea,vomiting,diarrhoea,abdominal pain,and/or convulsions.

May be harmful if swallowed.

May cause irritation to mouth, throat and stomach.

**Inhalation**

Inhalation of dust will result in respiratory irritation.

In-use solutions that are heated during the bath process may generate hazardous vapours from the soil being removed. If symptoms occur, immediately remove victim to fresh air.

**Skin**

Will have a defatting effect on the skin. Contact with the powder that is dampened or mixed with water may result in skin burns. Prolonged contact with in-use solutions may cause skin irritation and drying of the skin that leads to dermatitis.

**Eye**

A moderate eye irritant.

Permanent eye damage may occur.

Harmful to the eyes.

**Chronic Effects**

Repeated or prolonged skin contact can cause chronic dermatitis.

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## 12. ECOLOGICAL INFORMATION

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**Environmental Protection**

This substance may be hazardous to the environment; special attention should be given to neutralizing residues before allowing them to drain.

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## 13. DISPOSAL CONSIDERATIONS

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**Waste Disposal**

Small dilute, neutralised quantities may be flushed to sewer (if permitted by local regulations) otherwise dispose via waste contractor.

**Product Disposal**

Dispose to licensed disposal contractor

### Container Disposal

Product is classified as a Dangerous Good and is required to be labelled until decontaminated. Uncleaned containers should be disposed to a licensed waste contractor.

## 14. TRANSPORT INFORMATION

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### Transport Information

Dangerous Goods of Class 8 Corrosives are incompatible in a placard load with any of the following: - Class 1, Class 4.3, Class 5, Class 6, if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids and Class 7.

Classified as a Class 8 Dangerous Good.

### U.N. Number

1759

### UN proper shipping name

CORROSIVE SOLID, N.O.S.CONTAINS ALKALINE SALTS

### Transport hazard class(es)

8

### Packing Group

III

### Hazchem Code

2X

### EPG Number

8A1

### IERG Number

37

### UN Number (Air Transport, ICAO)

1759

### IATA/ICAO Proper Shipping Name

CORROSIVE SOLID, N.O.S.(CONTAINS ALKALINE SALTS)

### IATA/ICAO Hazard Class

8

### IMDG UN No

1759

### IMDG Hazard Class

8

### IMDG Marine pollutant

No

## 15. REGULATORY INFORMATION

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### Poisons Schedule

S6

### Packaging & Labelling

This product contains a Scheduled Poison (S6) (sodium nitrite) and an S5 Poison (sodium metasilicate) and must therefore be stored,

maintained and used in accordance with the relevant State Poisons Act.

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

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### Date of preparation or last revision of SDS

Replaces SDS dated 19 Feb 2015

### References

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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