

### Section 1 - Identification of The Material and Supplier

Indigo Specialty Products Pty Ltd  
PO Box 1364 Beenleigh, Qld 4207

Phone: 0402 735 887

**Chemical nature:** Liquid Soil Wetting Agent  
**Trade Name:** HydroForce Advance  
**Product Use:** Soil Wetting Agent  
**Creation Date:** January 2017  
**This version issued:** February, 2017 and is valid for 5 years from this date.

### Section 2 - Hazards Identification

**Statement of Hazardous Nature**

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF SWA  
NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IATA OR IMDG/IMSBC CRITERIA

**Risk Phrases:** Not hazardous – no criteria

**Safety Phrases:** S36, S24/25. Wear suitable protective clothing. Avoid contact with skin and eyes

**SUSMP Classification:** None allocated.

**ADG Classification:** Not a Dangerous Good

**Packaging Group:** Not a Dangerous Good

**UN Number:** None allocated

**Hazchem Code:** None allocated

**GHS Signal Word:** None. Not Hazardous.

### Emergency Overview

**Physical Description & Colour:** Clear Liquid

**Odour:** Mild odour

**Major Health Hazards:** No significant risk factors have been found for this product.

### Section 3 - Composition/Information on Ingredients

Ingredients	Conc,%
Blend of Polyoxyalkylene derived surfactants	Very High
Minor constituents	Very Low

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

### Section 4 - First Aid Measures

**General Information:**

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

**Inhalation:** Remove victim from area of exposure - avoid becoming a casualty. Seek medical advice if effects persist.

**Skin Contact:** If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water. If, irritation occurs seek medical assistance.

**Eye Contact:** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing for at least 15 minutes. Seek medical treatment if effects continue after first aid treatment

**Ingestion:** Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice.

**Notes to physician:** Treat symptomatically. Can cause corneal burns

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## Section 5 - Fire Fighting Measures

**Specific Hazards:** Combustible liquid.

**Fire-fighting advice:** On burning will emit toxic fumes, including those of oxides of carbon.

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

**Suitable Extinguishing Media:** Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

**Flash point:** > 150 (OC)

**Upper Flammability Limit:** Does not burn.

**Lower Flammability Limit:** Does not burn.

**Autoignition temperature:** Not applicable - does not burn.

**Flammability Class:** Does not burn.

## Section 6 - Accidental Release Measures

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work up wind or increase ventilation.

Contain - prevent run off into drains and waterways.

Use absorbent (soil, sand or other inert material). Collect and seal in properly labeled containers or drums for disposal.

## Section 7 - Handling and Storage

**Handling advice :** Avoid skin and eye contact and breathing in vapour.

**Storage advice:** Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Keep containers closed when not in use check regularly for leaks.

Classified as a C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

## Section 8 - Exposure Controls and Personal Protection

**SWA Exposure Limits TWA (mg/m<sup>3</sup>) STEL (mg/m<sup>3</sup>) ADI (mg/Kg/day) NOEL (mg/Kg/day)**

Exposure limits have not been set for any ingredients of this product. A TWA has not been established by Worksafe Australia for any of the major ingredients in this product. There is a blanket limit of 10mg/m<sup>3</sup> for dusts or mists when limits have not otherwise been established. The TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly ADI means Acceptable Daily Intake and NOEL means No-observable-effect-level. (ADI List 31ST Dec 2006)

### Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

**Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210**

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

**Ventilation:** No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that vapours and mists are minimised.

**Eye Protection:** Eye protection such as protective glasses or goggles is recommended when this product is being used. Do not wear contact lenses

**Skin Protection:** Skin contact should be minimised through use of gloves and long sleeves shirts.

**Protective Material Types:** There is no specific recommendation for any particular protective material type.

**Respirator:** Usually, no respirator is necessary when using this product. However, dust safety masks are recommended where concentration of total dust is more than 10mg/m<sup>3</sup>.

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### Section 9 - Physical and Chemical Properties:

**Physical state:** Clear Liquid  
**Solubility:** Dispersible in water.  
**Specific Gravity:** 1.02 approx. @20°C  
**Flash Point (°C):** > 150 (OC)  
**pH:** 6-8 (1% aqueous solution)  
**Freezing Point/Range (°C):** <0

### Section 10 - Stability and Reactivity

**Reactivity:** This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.  
**Conditions to Avoid:** Avoid moisture and temperature extremes  
**Incompatibilities:** Incompatible with strong oxidising agents.  
**Fire Decomposition:** Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. Thermal decomposition may produce small quantities of hydrogen cyanide (hydrocyanic acid), nitrogen oxides, carbon oxides from the polyacrylamide

### Section 11 - Toxicological Information

#### Potential Health Effects

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

**Ingestion:** Swallowing can result in nausea, vomiting, diarrhoea and abdominal pain.  
**Eye contact:** A severe eye irritant. Corrosive to eyes; contact can cause corneal burns. Contamination of eyes can result in permanent injury.  
**Skin contact:** Contact with skin may result in irritation.  
**Inhalation:** Breathing in mists or aerosols may produce respiratory irritation.  
**Long Term Effects:** No information available for the product.  
**SWA:** No significant ingredient is classified as carcinogenic by ASCC at stated concentration.  
**NTP:** No significant ingredient is classified as carcinogenic by NTP at stated concentration  
**IARC:** No significant ingredient is classified as carcinogenic by IARC at stated concentration

### Classification of Hazardous Ingredients

Ingredient	Risk Phrases
No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.	

### Section 12 - Ecological Information

<b>Ecotoxicity</b>	Material is not toxic to the environment
<b>Effects on Aquatic Organisms:</b>	
	Fish Aquatic Toxicity is unlikely
<b>Daphnids</b>	Aquatic Toxicity is unlikely
<b>Algae</b>	Aquatic Toxicity is unlikely
<b>Biodegradation</b>	Unlikely to accumulate in the environment although polyacrylamide component is not readily biodegradable
<b>Bioaccumulation</b>	Low, does not bio accumulate
<b>Other adverse effects</b>	None

### Section 13 - Disposal Considerations

**Disposal:** Containers should be emptied as completely as practical before disposal. If possible, recycle product and containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site.

### Section 14 - Transport Information

**UN Number:** This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

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## Section 15 - Regulatory Information

**Classification:** This material is hazardous according to criteria of NOHSC.

**Hazard Category:** Xi: Irritant

**Risk Phrase(s):** R41: Risk of serious damage to eyes.

**Safety Phrase(s):** S24/25: Avoid contact with skin and eyes.

**S26:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**S36/37/39:** Wear suitable protective clothing, gloves and eye/face protection.

**Poisons Schedule:** None allocated.

**AICS (Australia):** All of the components in this product are listed on the Australian Inventory of Chemical Substances.

## Section 16 - Other Information

**This SDS contains only safety-related information. For other data see product literature.**

**Acronyms:**

<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 <sup>th</sup> edition)
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>SWA</b>	Safe Work Australia, formerly ASCC and NOHSC
<b>CAS number</b>	Chemical Abstracts Service Registry Number
<b>Hazchem Code</b>	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
<b>IARC</b>	International Agency for Research on Cancer
<b>NOS</b>	Not otherwise specified
<b>NTP</b>	National Toxicology Program (USA)
<b>R-Phrase</b>	Risk Phrase
<b>SUSMP</b>	Standard for the Uniform Scheduling of Medicines & Poisons
<b>UN Number</b>	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS  
OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (December 2011)

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