

Section I. Product Identification and Uses

**HMIS (HFRP)**  
**Health Hazard** 1  
**Fire Hazard** 0  
**Reactivity** 0  
**Personal Protection** b

<b>Common / Trade name</b>	PAN PERFECT	<b>TDG</b>	Not controlled under TDG (Canada).
<b>WHMIS</b>	D2B	<b>PIN</b>	None
<b>Code</b>	0326	<b>PG</b>	None
<b>Material uses</b>	Industrial applications: Dish detergent.		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Sodium alkylbenzene sulfonate.	68081-81-2	10-30	Not available.	Not available.
sodium laureth (-n) sulfate	9004-82-4	1-5	Not available.	Not available.
Nonyl phenol ethoxylate	9016-45-9	1 - 5	Not available.	ORAL (LD50): Acute: 1310 mg/kg [Rat].
Isopropyl alcohol	67-63-0	1 - 5	Not available.	ORAL (LD50): Acute: 3600 mg/kg [Mouse.]. > 4720 mg/kg [Rat].
Sodium xylene sulfonate	1300-72-7	0.5-1.5	Not available.	ORAL (LD50): Acute: 1200 mg/kg [Rat].

Section III. First Aid Measures

**Eye contact** IMMEDIATELY flush eyes with running water, keeping eyelids open, for at least 15 minutes. If irritation persists, seek medical attention.

**Skin contact** Rinse skin with water.

**Inhalation** Not applicable.

**Ingestion** DO NOT induce vomiting. Have conscious person drink several glasses of water. NEVER give an unconscious person anything to ingest. Seek medical advice.

Section IV. Physical Data

<b>Physical state and appearance</b>	Liquid. (Clear.)	<b>Colour</b>	Yellow.
<b>pH (1% soln/water)</b>	Not available.	<b>Odour</b>	Citrus.
<b>pH (concentrate)</b>	7.0 - 7.5	<b>Volatility</b>	Not available.
<b>Boiling point</b>	100°C (212°F)	<b>Vapour density</b>	The highest known value is 1 (Air = 1) (Water).
<b>Specific gravity</b>	1.04 to 1.05 (Water = 1)	<b>Vapour pressure</b>	The highest known value is 2.3 kPa (at 20°C) (Water).
<b>Solubility</b>	Easily soluble in cold water and hot water.		

Section V. Fire and Explosion Data

**The product is** Non-flammable.

**Auto-ignition temperature** Not applicable.

**Flash points** Not applicable.

**Degradation products** carbon oxides (CO, CO2) sulfur oxides (SO2, SO3...) nitrogen oxides (NO, NO2...)

**Extinguishing media** Use water spray or fog.

Section VI. Reactivity data

**Stability** The product is stable.

**Decomp. products** See fire degradation products.

**Reactivity** Not considered to be reactive according to our data base.

Section VII. Toxicological properties

**Route of entry** Ingestion. Eye contact.

**Toxicity for animals** ORAL: (LD50): > 10000 mg/Kg (RAT) (Calculated value for the mixture).

**Acute effects** This product may irritate eyes upon contact. If ingested might cause discomfort, diarrhea and nausea.

**Chronic effects** Prolonged exposure may cause skin defatting and chronic eye irritation.

**Section VIII. Preventive measure**

<b>Waste disposal</b>	Dispose of material according to regional, provincial and federal regulations. Consult your local or regional authorities.
<b>Storage</b>	Store in a dry, cool and well ventilated area. Keep from freezing.
<b>Precautions</b>	Keep out of reach of children. Keep from freezing. DO NOT ingest. Avoid contact with eyes.
<b>Spill and leak</b>	Absorb with an inert material and place in an appropriate waste disposal container. Finish cleaning the spill area with running water.

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**Section IX. Personal protective equipment**

<b>Gloves</b>	Gloves.
<b>Respiratory</b>	Not applicable.
<b>Eyes</b>	Safety glasses.
<b>Other</b>	Not applicable.
<b>Eng. controls</b>	Ensure that eyewash stations are proximal to the work-station location.

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**Section X. Preparation and other Information**

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**EMERGENCY: EMERGENCY: CANUTEC 613-996-6666**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy of completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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**Annex A. Legend**

<b>HMIS</b>	Hazardous Materials Identification System
<b>WHMIS</b>	WHMIS Workplace Hazardous Materials Information System
<b>TDG</b>	Transport Dangerous Goods
<b>PIN</b>	Product Identification Number
<b>PG</b>	Packaging Group

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