

1. **Product Name:** **SPEKLEAN**
Industrial Strength Water Based Cleaner/Degreaser

2. **Physical and Chemical Properties**

Appearance : Clear, Fluorescent Yellow Liquid
 Odour : Mild Solvent/Lemon
 pH (10%) : 11.5 – 12.5
 Solubility in water : 100%
 Specific Gravity : 1.045 – 1.050 @ 28°C
 Shelf Life : One Year in original unopened containers

3. **Hazard Identification**

Rating Scale:	Hazard Rating	MFPA
0 = Minimal	Health = 1	Reactivity = 0
1 = Slight	Fire = 0	Special = 0
2 = Moderate		
3 = Serious		
4 = Severe		

4. **Occupational Exposure Limits (Hazardous Ingredients)**

Material	Long Term 8Hr.TWA		Short Term 10 Mins TWA	
	ppm	mg. m ³	ppm	mg. m ³
2-Butoxyethanol	50			
Isopropyl Alcohol	400			

5. **Health Hazard**

Area	Effects of Over Exposure	First Aid Procedure
Skin	Prolonged or repeated skin contact may cause temporary irritation.	Wash affected area with water. Launder clothing before reuse.
Eyes	Contact can cause irritation, reddening may occur.	Irrigate with large amounts of running water, lifting upper and lower lids for at least 15 – 20 mins. If pain or irritation occurs, seek medical attention immediately.
Inhalation	Excessive inhalation of vapours can cause nasal and respiratory tract irritation.	Move patient to fresh air. Get medical attention if respiratory irritation persists.
Ingestion	May cause nausea, headache, drowsiness, dizziness, depending on quantity ingested.	Give several glasses of water. Get medical attention.

5. Fire Hazard

This product is classified as	: Non-Flammable
Flash Point (°C)	: N/A
Extinguishing Media	: Non-Flammable, will not act as a fuel to fire No special procedures required.
Conditions to Avoid	: None required
Decomposition Products	: Minimal hydrocarbons, hazardous polymerization will not occur.
Special Fire Fighting Procedures	: None directly related to this product.

6. Handling & Storage

Precautionary Measures	: No special handling procedures
Ventilation	: Local exhaust ventilation should be adequate when used in confined areas.

7. Personal Protection

Respirator	: None normally required. In enclosed areas, an approved respirator should be worn by persons sensitive to cleaning compounds. Type Ori-nasal or OSHA equivalent.
Skin	: For all cleaning compounds wear protective gloves (Nitrile rubber or vinyl)
Eyes	: Wear chemical splash goggles
Other	: Wear impervious clothing or boots

8. Transport

Packing group	: N/A
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9. Biodegradable

100% biodegradable. SPEKLEAN is approved by the Ministry of Energy and Energy Industries- Republic of Trinidad & Tobago as biodegradable.
Testing by Caribbean Premier Laboratory Ltd. according to the international OECD guidelines.

10. Spillage / Disposal Method

Spill	: Contain spill. Retain if possible or dilute with large amounts of water.
Disposal	: Per the Local Waste Disposal Authority.



10. DISCLAIMER

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