

Safety Data Sheet

POWERSURF

Date of Issue : 20.12.2023 Replaces : 20.12.2018 Valid no longer than : 20.12.2027

1. Chemical Product and Company Identification

Supplier : Well Engineering & Technology Sdn Bhd 6.07 Level 6 Menara Hap Seng Jalan P. Ramlee 50250 Kuala Lumpur	Synonyms : WELLSURF
Telephone Number: Tel : +603 2022 0803 Email : welltech@welltechengineering.com Emergency contact: 019 – 356 6035 (Phil Navage)	Chemical / Technical Nature : Casing Clean-up and Water-wetting agent

2. Chemical and Physical Properties

Chemical Name	Surfactant Blend
Formula	No data available
Hazardous Decomposition Product	As with any organic material, combustion will produce carbon dioxide (CO ₂) and probably carbon monoxide (CO)
Incompatibility (keep away from)	Strong oxidizers such as hydrogen peroxide, bromide and chromic acid
Toxic and Hazardous Ingredients	HAZARDOUS INGREDIENTS NOTE: This product may contain trace amounts of residual ethylene oxide. See Section IX for further details.
Form	Liquid
Odor	Bland
Appearance	Clear Liquid

Color	Water White
Specific Gravity (water = 1)	1.03
Boiling Point	No data available
Melting Point	No data available
Solubility in Water (by weight %)	Soluble at 25°C
Volatile (by weight %)	50-54
Evaporation Rate	Not Applicable
Vapor Pressure (mm Hg at 20°C)	Less than 1
Vapor Density (air = 1)	No data available
pH (5%)	6.5 - 7.5
Stability	Product stable under normal conditions
Viscosity SUS at 100°F	Greater than 100

3. Fire and Explosion Data

Special Fire Fighting Procedures	Firefighters must be equipped to prevent breathing of vapors or products of combustion wear an approved self-contained breathing apparatus and protective clothing.
Unusual Fire and Explosion Hazards	None
Flash Point (method used)	Pensky-Martens closed cup, 200° F+
Flammable Limits %	Not applicable
Extinguishing Agents	Dry chemical or waterspray, CO2, foam or sand / earth

4. Health Hazard Data

Permissible Concentrations (air)	Not applicable
Chronic Effect of Overexposure	No data available
Acute Toxicological Properties	Eye and skin irritant

Emergency First Aid Procedures

Eyes	Immediately flush with large quantities of water for at least 15 minutes and call a physician.
Skin Contact	Flush with large amounts of water for 15 minutes.
Inhalation	Not applicable
If Swallowed	Call a physician immediately

HMIS Ratings

Health	1	Hazardous	4 - Severe
Flammability	1	Materials	3 - Serious
Reactivity	0	Identification	2 - Moderate
Personal Protection	G*	Systems	1 - Slight
*See last page for Code Table			0 - Minimal

NFPA 704

Health	1	OCNS Category B
Flammability	1	
Reactivity	0	

5. Special Protection

Ventilation Type Required	Mechanical
Respiratory Protection (Specify type)	Not applicable
Protective Gloves	Rubber or plastic, solvent resistant
Eye Protection	Chemical safety goggles
Other Protection Equipment	Neoprene protective type apron

6. Handling of Spills or Leaks

Procedures for Clean-up	Absorb with an inert material such as sand, soil or vermiculite. Sweep up and dispose of in accordance with federal, state and local regulations.
Waste Disposal	Dispose of in accordance with all applicable federal, state and local regulations.

7. Special Precautions

Precautions to be taken in handling and storage	Store between 40 - 120°F
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8. Transportation Data

D.O.T.	Not regulated
Reportable Quantity	Not regulated
Freight Classification	Cleaning compound
Special Transportation Notes	None
The Harmonized System Code (HS Code) for PowerSurf is 34021300.	

9. Environmental / Safety Regulations

Section 313 (Title III Superfund Amendment and Reauthorization Act):

This product does not contain any chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Comments

Ethylene Oxide may accumulate in the head space of drum and bulk containers. However, the concentration of ethylene oxide in the head space should not cause the OSHA 0.5 ppm action level for ethylene oxide exposure to be exceeded. Ethylene oxide is listed as a potential carcinogen by OSHA, NTP and IARC. If the product is handled as recommended in this MSDS, the trace amounts of ethylene oxide are not expected to result in acute or chronic hazards.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.

Letter Designation of Personal Protective Equipment

Safety Glasses	A
Safety Glasses, Gloves	B
Safety Glasses, Gloves, Synthetic Apron	C
Face Shield, Gloves, Synthetic Apron	D
Safety Glasses, Gloves, Dust Respirator	E
Safety Glasses, Gloves, Synthetic Apron, Dust Respirator	F
Safety Glasses, Gloves, Vapor Respirator	G
Splash Goggles, Gloves, Synthetic Apron, Vapor Respirator	H
Safety Glasses, Gloves, Combination Dust and Vapor Respirator	I
Splash Goggles, Gloves, Synthetic Apron, Combination Dust and Vapor Respirator	J
Airline Hood or Mask, Gloves, Full Protective Suit, Boots	K
Situations requiring Specialized Handling	X