



PowerForward Industrial Cleaner
MATERIAL SAFETY DATA SHEET
Issue Date: 2 January 2015

LIQUID SOAP/COLLOIDAL CLEANER

Dilution: 60 parts water to 1 part PowerForward

SECTION I: PRODUCT IDENTIFICATION

Correct Shipping Name: OrganicNow.World/PowerForward

Trade Name	Colloidal Soap
Dangerous Goods Class	N/A
Poisons Schedule	Non-poisonous
Hazchem Code	N/A
Applications	Cleaning Agent

SECTION II: CHEMICAL INGREDIENTS

Formula	Proprietary
Active Ingredient: Tall Oil	20%
Inert Ingredients	80%

- Complies with OSHA 29 CFR – 910.1200 Section (i) “TRADE SECRETS”
 - Contains no hazardous components under current OSHA Definitions (see attached document)
100% BIOBASED Product Ingredients: Fatty Acid with other ingredients from FDA GRAS, EAFUS and FDA Food Additive Inert List.
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SECTION III: CHEMICAL PROPERTIES

Method	Parameter	Results	Units
EPA 160.4	Total Solids	0.4	Percentage (%)
AOAC 978.02	Total Nitrogen	3.42	Percentage (%)
AOAC 920.03	Nitrogen, Ammonia cal (N)	0.024	Percentage (%)
AOAC 958.01	Phosphorous	<0.16	Percentage (%)

ATOMIC ABSORPTION:

Parameter	Results	Units
Iron	<2.1	mg/Kg
Magnesium (Mg)	<2.7	mg/Kg
Potassium (K)	<2.3	mg/Kg
Sodium (Na)	15.0	Mg/L

- Radiocarbon C-14, 1-2-2006 USDA approved testing lab:
 - Meets proposed requirements for product tested at 90
 - Clean Air Solvent: VOC is 1.0 g/L. Meets CAS criteria
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SECTION IV: *PHYSICAL DESCRIPTION*

Appearance and Odor	Amber, Faint Odor
Boiling Point	202.30 F
Evaporation Rate	Not Tested
Freezing Point	25.7 F
Flash Point	Greater than 205.0 F
Solubility	Miscible with water
Specific Gravity	8.9
Vapor Density/Pressure	Not Tested

SECTION V: *HEALTH HAZARD INFORMATION*

EFFECTS OF ACUTE OVEREXPOSURE DUE TO:

Swallowing	No Evidence of Adverse Affects
Skin Absorption	No Evidence of Adverse Affects
Skin Contact	No Evidence of Adverse Affects
Eye Contact	No Evidence of Adverse Affects
Inhalation	No Evidence of Adverse Affects
Effects of Repeat Exposure	No Evidence of Adverse Affects
Other Health Hazards	None Known

- Carcinogens and Toxins:
 - Does not contain any known carcinogens in concentrations as per Code of Federal Regulations 29CFR 1900.1000 series, OSHA
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SECTION VI: *FIRST AID MEASURES*

Swallowing	No Harmful Effects Expected
Skin	Rinse with water. No harmful effects expected
Inhalation	No emergency care anticipated
Eyes	Flush with water. No harmful effects expected

- Noted to Physician: No evidence of adverse effects have been reported from long-term use. Treatment of overexposure should be directed at the control of symptoms and clinical condition.
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SECTION VII: *FIRE AND EXPLOSION DATA*

- Under normal usage and conditions, there is no fire or explosion hazard.
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SECTION VIII: *HANDLING AND STORAGE*

- As the Product is non-toxic and non-hazardous, no special safe handling procedures are required.
 - May be stored in any cool, well-ventilated area. It is important to avoid exposure to low temperatures. Product has an extended shelf life.
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SECTION IX: INSTRUCTIONS AND PRECAUTIONS FOR USE

- The Product may be applied by pressure spray, hose-end sprayer or other type equipment. No special handling equipment is required, no special clothing is needed and no unusual precautions have to be taken. When applied for interior use, natural ventilation should be sufficient; otherwise local exhaust ventilation may be required.
 - If personnel are sprayed, a gentle washing will remove any traces of soapy residue. When spilled, the Product will leave a film like residue on floors, which may become slippery. This may be remedied by flushing with water.
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SECTION X: HANDLING AND STORAGE

- Store in an upright container to avoid leakage. Transport in accordance with regulations of the code for Transport of Non-Dangerous Goods by Road and Rail, the IMO Regulations for sea freight and the TATA Regulations for air freight.
 - No special safe handling procedures are required.
 - In the event of spillage, wipe with rags and rinse.
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SECTION XI: STABILITY AND REACTIVITY

- Product is stable at normal room and working temperatures. No incidence of polymerization reported. No special conditions or materials to avoid. No incidence of hazardous decomposition of products reported.
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SECTION XII: TOXICOLOGICAL AND ECOLOGICAL INFORMATION

- The Product is 100% bio-based. It contains no ingredients listed by IARC, ACGIH, NTP and OSHA as carcinogens.
 - No information available relating to any teratogenicity, mutagenicity, skin sensitization or respiratory tract sensitization.
 - Bio-degradable over a 28 day time frame.
 - No deleterious effect on environment.
 - Does not contain Class I or Class II Ozone depleting substances as defined by 40 CFR 82, equal or greater 1.0% wt.
 - Chemical ingredients are not listed as hazardous waste in accordance with 40 CFR 261.
 - Volatile Organic Compounds (VOC) levels of DDC by weight do not exceed 10% in accordance with 40 CFR Parts 9 and 59.
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SECTION XIII: HAZARD RATING

GOVERNMENT HAZARD RATINGS

0 = Insignificant; 1 = Slight; 2 = Moderate; 3 = High; 4 = Extreme

Fire	0
Reactivity	0
Toxicity	0

