Chem-Master

SAFETY DATA SHEET

Issue Date 06/30/2015 **Version** 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name New Grout

Other means of identification

Product Code KB-64650012-00

Details of the supplier of the safety data sheet

Company Name CHEM-MASTER ACQUISITIONS, LLC
3670 Scarlet Oak Blvd.
St. Louis, MO 63122
800-325-3312

Emergency telephone number

Emergency Telephone CHEMTEL 1-800-255-3924

2. HAZARDS IDENTIFICATION

Classification

Metal corrosive	Category 1
Skin Corrosion / Irritation	Category 1B
Eye damage / Irritation	Category 1
Specific Target Organ Toxicity -- Single Exposure, Respiratory Irritation	Category 3

Label elements

Emergency Overview

DANGER

Hazard statements

H290 May be corrosive to metals
H318 Causes serious eye damage
H314 Causes severe skin burns and eye damage
H335 May cause respiratory irritation
Repeated exposure may cause skin dryness or cracking.

Appearance: Pale yellow, transparent **Physical state:** Liquid **Odor:** Very faint acid butyl odor

Precautionary Statements - Prevention

P234 Keep only in original container.
P271 Use only outdoors or in a well ventillated area.
P270 Do not eat, drink, or smoke when using this product.
P280 Wear protective gloves / protective clothing / eye protection / face protection.

Do not touch eyes with hands when using this product.
Use goggles or face shield to appropriately protect eyes when using this product.
Vapors can irritate eyes and/or cause dizziness or drowsiness if breathed, especially if product is heated.

Precautionary Statements - Response

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water / shower.
P362 Take off contaminated clothing and wash it before reuse.
P264 Wash hands, arms, or any contacted areas of body thoroughly after handling.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P310 Immediately call a POISON CENTER / doctor / physician / hospital / medical center.
P260 Do not breath fume / gas / mist / vapors / spray.
Use goggles or face shield to appropriately protect eyes when using this product.
Immediately call a POISON CENTER / doctor / physician / hospital / medical center if you feel unwell during or after using this product.

Precautionary Statements - Storage

P403 + P235 Store in a well ventilated place. Keep cool.
P405 Store locked up.
P406 Store in a corrosive resistant container with a resistant inner liner.
Keep out of reach of children. When storing container, keep container locked up and lid closed tightly. Use only in well ventilated areas.

Precautionary Statements - Disposal

P501 Dispose of contents/container to waste in accordance with local/regional/national/international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
Hydrochloric Acid	7647-01-0	15 - 30	*
2-(2-Butoxyethoxy) ethanol	112-34-5	3 - 12	*
Nonylphenol, ethoxylated	127087-87-0	3 max	*
Other non-hazardous components*	N/A	N/A	*

***The exact percentage (concentration) of composition has been withheld as a trade secret.**

4. FIRST AID MEASURES

First aid measures

General Advice

Skin Contact

In the case of skin irritation or rash development, or its prevention, remove any contaminated clothing. Wash exposed skin area with plenty of soap and water generously. In case of severe exposure or if skin irritation or rash occurs, and persists, contact a POISON CENTER, hospital, or physician for medical advice or treatment. Thoroughly clean all contaminated clothing before reuse, discard all contaminated leather goods (gloves, shoes, belts, wallets, etc.).

Eye Contact

Flush exposed eyes with clean water, remove any easily removable contact lenses while continuously flushing, and continue flushing while holding upper and lower eyelids open for a minimum of 15 minutes. In the case of severe exposure or if eye irritation persists contact a POISON CENTER, hospital, physician, or ophthamologist for medical advice or treatment without delay. Transport and seek medical attention. An eyewash fountain or other means of flushing eyes should be located immediately in work area prior to use of this product.

Inhalation

If breathing becomes difficult while using this product, due to respiratory irritation or existing asthma condition, or if dizziness or drowsiness occurs, immediately remove to fresh air and keep warm and at rest in a position comfortable for breathing. In cases of severe exposure or if symptoms do not improve, contact POISON CENTER, hospital, or physician immediately. If breathing or heart has stopped, trained personnel should immediately begin artificial respiration or CPR, as needed, and immediately contact Emergency Medical Services (EMS).

Ingestion

If alert, rinse mouth with water and give plenty of water to drink. DO NOT induce vomiting. If vomiting occurs, keep head low so that stomach content does not have a tendency to enter the lungs. If not alert, or unconscious, immediately contact EMS. If breathing or heart has stopped, trained personnel should immediately begin artificial respiration or CPR, as needed. Contact POISON CENTER, hospital, or physician immediately for medical advice.

Most important symptoms and effect, both acute and delayed

Symptoms

Inhalation: Immediate coughing and irritation of the mucus membranes (burning eye, nostril, airway, throat sensation); difficulty breathing; headache; followed by dizziness; confusion; hypotension; hypothermia; drowsy. Extended exposure may cause chronic bronchitis or inflamation of the bronchi.
Skin Contact: Skin irritation, chemical burns, itching sensation, rash, swelling, dermatitis, defatting, drying, or flaking of skin.
Eye Contact: Immediate redness, watering, itching, irritation, or painful burning sensation of eyes. Blurred vision or permanent eye damage and blindness can result from eye exposure. Corneal damage, cataracts, and glaucoma may develop with longer term exposure to this product or its fumes.
Ingestion: Nausea; vomitiing; chemical burns in the mouth, throat, stomach, or gastrointestinal tract; difficulty swallowing, facial flushing, hypotension, central nervous system depression, or irregular heart beat, diarrhea. Long term exposure can cause gastritis, scarring of the digestive system, and possible blockages due to internal damages.

Indication of any immediate medical attention and special treatment needed

Note to physicians

Cases of eye contact and ingestion should be treated immediately. If the above first aid measures are not successful, or if there is any difficulty breathing, or generally feeling unwell, seek medical advice / attention immediately. Have facilities in place in close proximity to rinse skin and eyes in case of exposure. Although not common, respiratory symptoms, including pulmonary edema, may be delayed 24 to 48 hours with significant exposures to vapors. Medical providers or rescuers should take precautions to protect themselves. Provide this sheet to medical personel in attendance.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Use water, dry chemical, carbon dioxide, or large quantities of alcohol-resistant spray foam.

Unsuitable extinguishing media: N/A

Specific hazards arising from the chemical
This product will decompose at high temperatures to form toxic and corrosive Hydrochloric Acid vapors.Other combustion products include: Carbon dioxide, carbon monoxide, VOCs, Oxides of Nitrogen NOx).

Protective equipment and precautions for firefighters
Wear self-contained breathing apparatus approved by NIOSH, protecting goggles or face shield, protective firefighter turn-out gear clothing when fighting any fire that may heat this product to form pressure or dangerous vapors. Closed containers of this product may explode due to building pressure in its container if exposed to extreme heat. Containers close to any fire area should be cooled with water from a distance if safe to do so. Prevent any water contaminated by this product from running off immediate premises and entering creeks, drains, and water courses.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Provide good ventilation during use of this product. Do not inhale vapors. Keep away from heat / sparks / flame / hot surfaces or any other source of ignition. No Smoking. Do not spray product into eyes. Do not touch eyes or face with contaminated hands. Wear safety goggles, protective clothing, and impermeable gloves when using this product to protect skin. Wash hands / exposed skin after handling or using product. Do not use this product on food products or food contact surfaces. In case of spill of this product, have emergency proceedures in place for treating spillage safely, including evacuating the area or possibly notifying emergency services as necessary.

Environmental precautions

Environmental precautions

Avoid discharge into sewers and public water systems. Do not allow product onto earth; surface, or groundwater; or into storm sewers and ditches that runoff into waterways

Methods and material for containment and cleaning up

Methods for containment & cleaning up

Store product in a secondary containment or diked area to contain any spillage that may occur. Dike and pump any large spills into safe, sealed containers, then absorb remainder of spill (or any small quantity spill) with inert media (such as polypads, paper towels, or other suitable absorbant material). Sweep any absorbed product into appropriate solids disposal container and dispose of in accordance with appropriate local / state / national / international waste regulations. Mop area with water and detergent and ventillate area before allowing access.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

When using this product; provide good ventilation, wear protective gloves, clothing, and safety goggles. Wash hands / exposed skin after handling and before eating. Do not use this product on food or food-contact surfaces. Do not use near open flames or ignition sources.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Store sealed in drums or product packaging in a cool, dry place that is not in direct sunlight. Avoid freezing or abnormally high temperatures, open flames, and ignition sources. Do not store in a location with other incompatable materials. It is advisable to store product container in a secondary containment area in case of potential spillage container rupture.

Incompatible Materials

If material is transferred to another container make sure that packaging material is compatible with product. Do not leave container exposed to the atmosphere as this may result in loss of contents and contamination. Keep container closed tightly and do not allow product to be exposed to the air as oxidation and peroxide formation may occur.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits (Hydrochloric Acid, CAS# 4647-01-0):

USA. OSHA Occupational Exposure Limit-- Table Z-1 Limits for Air Contaminants -- 1910.1000:	5 PPM
USA. NIOSH Recommended Exposure Limits:	5 PPM
USA. American Conference of Governmental Industrial Hygienists (ACGIH):	2 ppm TLV

Exposure Limits (2-(2-Butoxyethoxy) ethanol, CAS# 112-34-5):

USA. American Conference of Governmental Industrial Hygienists (ACGIH) (Inhalable fraction and vapor):	10 ppm TLV

Exposure Limits (Nonylphenol, ethoxylated, CAS# 127087-87-0):

Acute Toxicity, Oral, Rat, LD50:	>3310 mg/kg
Acute Toxicity, Dermal, Rabbit, LD50:	>2000 mg/kg
Acute Toxicity, Dermal, Fish, LC50 @ 96 hrs Aquatic Ecotoxicity:	>10 mg/l

* Exposure control limit determination based on existing data calculation for above components of formulation.

Appropriate engineering controls

Engineering Controls Use this product in a well veltillated area. Store this product in secondary containment area in case of spillage. Do not use a sprayer to apply this product so as to prevent exposure to the hazards associated with its mist.

Individual protection measures, such as personal protective equipment

Eye/face protection Safety Goggles or a Face Shield should be worn when spraying or using this product.

Skin and body protection Impermeable gloves (not leather) and protective clothing should be worn when spraying or using this product.

Respiratory protection Not necessary when used for short periods of time in well ventillated areas; otherwise, respiratory protection, such as an approved air purifying respirator or positive-pressure supplied-air, should be used when significant vapors are present or there is a potential to exceed the exposure limit guidelines as referenced above in this section.

Thermal Hazards Containers of this product may become pressurized when exposed to hot environments or fire. Wear appropriate protective goggles / face shield, clothing, and impermeable gloves (not leather) when preparing to use this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Transparent
Color	Pale yellow
Odor	Very faint acid butyl odor
Odor Threshold	N/D

Property	**Values**
pH	0 - 0.5
Specific Gravity	1.06
Melting Point/Freezing Point	N/D
Initial Boiling Point	>100°C
Flash Point	>100°C
Flamability (solid/gas)	N/A
Vapor Pressure	N/D
Vapor Density (Air=1)	N/D
Relative Vapor Density (20°C)	N/D
Water Solubility	Completely soluble
Auto-Ignition Temperature	N/D
Decomposition Temperature	N/D
Viscosity	N/D

10. STABILITY AND REACTIVITY

Reactivity
Can react with alkalis or oxidizing agents. May react violently. Reaction with cyanides may produce hydrogen cyanide gas. Reaction with metals will produce hydrogen gas which can form explosive atmospheres. Will corrode metals, some plastics, and rubber.

Chemical Stability
Stable when stored in sealed container or packaging, at normal temperatures, and in a suitable location.

Possibility Of Hazardous Reactions
Hazadous polymerization will not occur. Hazardous reactions can occur with reactions with strong alkalis, oxidizers, metals and other incompatable materials with potential heat and pressure buildup in sealed containers.

Conditions To Avoid
Do not allow contamination of product. Avoid exposure to moisture, direct sunlight, heat, flames, oxidizing agents, or the atmosphere. Avoid excessive heat and freezing conditions. Avoid storage with incompatible materials. If drums or packaging are left open and exposed to air product may oxidize to form dangerous peroxides.

Incompatible Materials
Bases, strong alkali, reactive metals, oxidizing agents, amines, ammonia compounds, aldehydes, perchloric acid, sulfuric acid, fluorine, sulfides, epichlorohydrin, isocyanates, some plastics, rubber, coatings, inorganic hydrides, or any strong oxidizing substances. Avoid contamination of product with any other chemicals that may affect the composition of the product.

Hazardous Decomposition Products
Hydrochloric acid vapors, carbon monoxide, carbon dioxide, oxides of nitrogen (NOx) and other organic vapors upon heating or burning.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure **Skin, Ingestion, Inhalation, and Eyes**

Product Information

Skin Contact	Repeated exposure may cause skin dryness or cracking.
Eye Contact	Causes serious eye damage
Inhalation	May cause respiratory irritation
Ingestion	Nausea and vomiting

Information on toxicological effects

Symptoms

Skin, ingestion, inhalation, and eyes through contact with vapors or hands. This product causes skin, eye, and mucous membrane irritation, corrosion, and serious burns; and if inhaled will cause respiratory system irritation or damages.
Inhalation: Immediate coughing and irritation of the mucus membranes (burning eye, nostril, airway, throat sensation); difficulty breathing; headache; followed by dizziness; confusion; hypotension; hypothermia; drowsy. Extended exposure may cause chronic bronchitis or inflamation of the bronchi.
Skin Contact: Skin irritation, chemical burns, itching sensation, rash, swelling, dermatitis, defatting, drying, or flaking of skin.
Eye Contact: Immediate redness, watering, itching, irritation, or painful burning sensation of eyes. Blurred vision or permanent eye damage and blindness can result from eye exposure. Corneal damage, cataracts, and glaucoma may develop with longer term exposure to this product or its fumes.
Ingestion: Nausea; vomitiing; chemical burns in the mouth, throat, stomach, or gastrointestinal tract; difficulty swallowing, facial flushing, hypotension, central nervous system depression, or irregular heart beat, diarrhea. Long term exposure can cause gastritis, scarring of the digestive system, and possible blockages due to internal damages.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Delayed or Immediate exposure effects

Immediate effects: Irritation to eyes and mucous membranes. Burning sensation to skin. Burning sensation in mouth. Coughing and difficulties with breathing. Nausea and vomiting. Volatile organic vapors may cause dizziness, central nervous system depression, and/or drowsiness. Delayed effects: irritation to respiratory system, coughing and difficulty in breathing, pulmonary edema, decreased pulmonary function, inflamation of bronchi, upper respiratory tract abnormalities and nasal ulceration. May cause restrictive airway dysfunction (RADS). Corrosive if ingested, even in small amounts. Causes burns and scarring to skin, nausea, and vomiting. Risk of perforation of the gastrointestinal tract and scaring leading to stricture formation cauxsing dysphasia or gastric outlet obstruction. Risk of burns from eye contact and serious damage to the eyes, including corneal damage, conjunctivitis, cataracts, and glaucoma.

Chronic effects from short- and long-term exposure	Irritation to respiratory system, coughing and difficulty in breathing, pulmonary edema, decreased pulmonary function, inflamation of bronchi, upper respiratory tract abnormalities and nasal ulceration. May cause restrictive airway dysfunction (RADS). Corrosive if ingested, even in small amounts. Causes burns and scarring to skin, nausea, and vomiting. Risk of perforation of the gastrointestinal tract and scaring leading to stricture formation cauxsing dysphasia or gastric outlet obstruction. Risk of burns from eye contact and serious damage to the eyes, including corneal damage, conjunctivitis, cataracts, and glaucoma.
Acute Toxicity (hydrochloric acid, inhibited):	Rat, Oral, LD50: 700 mg/kg Rat, Inhalation, LC50: 3124 ppm - 1 hour Rat, Dermal, LD50: 5010 mg/kg
Skin corrosion/irritation:	Rabbit -- causes burns.
Serious eye damage/irritation:	Rabbit -- corrosive to eyes.
Respiratory or skin sensitation:	No data available.
Germ cell mutagenicity:	No data available.
Carcinogenicity:	This product is not classified as a carcinogen by NTP, IARC, or OSHA.
Reproductive toxicity:	No data available
Specific Target Organ Toxicity -- Single Exposure (GHS):	Respiratory System and Lungs.
Specific Target Organ Toxicity -- Repeated Exposure (GHS):	Respiratory System and Lungs.
Aspiration Hazard:	No data available.
Acute Toxicity (2-(2-Butoxyethoxy) ethanol):	Mouse, Oral, LD50: 2410 mg/kg Rat, Inhalation, LC50: >2.1 mg/l, 4 hour exposure time. Rabbit, Dermal, LD50: 2764 mg/kg, 4 hour exposure time.
Skin corrosion/irritation:	Based on Skin Irritation Values, Not Classified. May cause slight transient skin irritation.
Serious eye damage/irritation:	Classified -- causes serious eye irritation.
Respiratory or skin sensitation:	Not Classified -- no adverse effect observed.
Germ cell mutagenicity:	Not Classified -- no adverse effect observed.
Carcinogenicity:	Not Classified -- no adverse effect observed.
Reproductive toxicity:	Not Classified -- no adverse effect observed.
Specific Target Organ Toxicity -- Single Exposure (GHS):	Based on single exposure toxicity values, not classified.
Specific Target Organ Toxicity -- Repeated Exposure (GHS):	Based on repeated exposure toxicity values, not classified.
Aspiration Hazard:	Based on physico-chemical values or lack of human evidence, not classified.
Acute Toxicity (nonylphenol, ethoxylated):	Rat, Oral, LD50: >3310 mg/kg Fish, LC50: >10 mg/l, 96 hour Aquatic Ecotoxicity. Rabbit, Dermal, LD50: >2000 mg/kg.
Skin corrosion/irritation:	Causes skin irritation.
Serious eye damage/irritation:	Classified -- causes serious eye irritation.
Respiratory or skin sensitation:	Not a respiratory sensitizer. This product is not expected to cause skin sensitization.
Germ cell mutagenicity:	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity:	This product is not classified as a carcinogen by NTP, IARC, ACGIH, or OSHA.
Reproductive toxicity:	This product as used is not expected to cause reproductive or developmental effects.
Specific Target Organ Toxicity -- Single Exposure (GHS):	Not classified.
Specific Target Organ Toxicity -- Repeated Exposure (GHS):	Not classified.
Aspiration Hazard:	Not an aspiration hazard.

12. ECOLOGICAL INFORMATION

No specific eco-toxicological data and or biodegradation data has been determined for this preparation.

Ecotoxicity Assessment of Formulation Component (Glycol Ether DB):

Acute aquatic toxicity:	Not Classified -- based on acute aquatic toxicity values.
Chronic aquatic toxicity:	Not Classified -- based on readily biodegradability and low acute toxicity.
Toxicity to fish:	Acute toxicity to fish is very low.
Toxicity to daphnia and other aquatic invertebrates:	Acute toxicity to freshwater and marine invertebrates is very low.
Toxicity to algae:	Acute toxicity to aquatic plants is very low.
Toxicity to bacteria:	Low toxicity to sewage microbes.
Toxicity to fish (chronic toxicity):	No data available.
Toxicity to daphnia and other aquatic invertebrates (chronic toxicity):	No data available.
Persistence and degradability:	Rapidly degradable. 92 % biodegradable (after 28 days in a ready biodegradability test).
Bioaccumulative potential:	This material is not suspected to bioaccumulate. Bioaccumulation factor (BCF):1.4 - 3.2 (Method: QSAR calculated value.)

Ecotoxicity Assessment of Formulation Component (Hydrochloric Acid, inhibited):

Acute aquatic toxicity:	Fish, Lepomis macrochirus (Bluegill), LC50: pH = 3.25 - 3.5 (96 hours).
PVT and vPvB Assessment:	This product does not contain any PBT or vPvB substances.
Persistence and degradability:	This product is not biodegradable. Hydrochloric acid dissociates completely in water and soil to form chloride ions and hydronium ions. Minerals in the soil will help to neutralize the acid; however, larger or continuous emmisions may lead to the product traveliing into groundwater. As the product travels further into the soil the increased contact raises the pH to make it less acidic. Hydrochloric acid is an inorganic compound and is not biodegradable.
Bioaccumulative potential:	This product is not bioaccumulating.

Ecotoxicity Assessment of Formulation Component (Nonylphenol, ethoxylated):

Acute aquatic toxicity:	Toxic to aquatic life with long lasting effects. Flathead minnow (Pimephales promelas), LC50 = 73 - 96 mg/l, 96 hours, based on Ethylene oxide (CAS#: 75-21-8) a component of formulation.
Mobility in soil:	No data available.
Persistence and degradability:	No data is available on the degradability of this product.
Bioaccumulative potential:	No data available.

Ecotoxicity Assessment of Formulation Component (Urea):

Acute aquatic toxicity:	Water Flea (Daphnia magna), EC50 = 3910 mg/l, 48 hours.
Mobility in soil:	This product is water soluble and may spread in water systems.
Persistence and degradability:	No data is available on the degradability of this product.
Bioaccumulative potential:	No data available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

Emptied container may retain product residue. Dispose of this product and its uncleaned container as hazardous waste or in a special waste collection point. Do not allow this product to drain into ponds, waterways, ditches, sewers, or potential water supplies. Dispose of this product observing all applicable International, Federal, Provincial, Regional, State, Local, and Municipal regulations. Local disposal regulations vary by location.

14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

US DOT Proper Shipping Name: UN3264, Corrosive liquid, acidic, inorganic, n.o.s., (contains hydrochloric acid), PG III, Class 1.4C.

15. REGULATORY INFORMATION

TSCA Status
All components of this product formulation are listed.

RCRA Status
A solid waste that exhibits the characteristic of corrosivity has the EPA Hazardous Waste Number of D002 (corrosive waste).

CERCLA Section 102(a) (Section 112, Clean Air Act) Status:
The following components of this formulation are listed:

Glycol Ether DB (2-(2-Butoxyethoxy) ethanol) (CAS 112-34-5)

Hydrochloric Acid (CAS# 7647-01-0)

Superfund Amendments and Reauthorization Act (SARA) of 1986:

Hazard Categories:
Immediate Hazard - Yes, per components Nonylphenol, Ethoxylated;
Glycol Ether, DB, hydrochloric acid.
Pressure Hazard - No
Delayed Hazard - No
Fire Hazard - No
Reactivity Hazard - No

SARA 313 (TRI Reporting):
This product is subject to reporting requirements of these sections of Title III of SARA based on its formulation containing hydrochloric acid and because it contains 2-(2-Butoxyethoxy) ethanol a “glycol ether.”

SARA 311/312 (Health and Physical Hazards based on available information on supplier SDS):
This product is classified as an Acute Health Hazard, an Immediate(Acute) Health Hazard, and a delayed (Chronic) Health Hazard according to components of its formulation.

OSHA Hazard Communication Standard:
This product is classified as a “Hazardous Chemical,” as defined by the OSHA Hazard Communication Standard (29 CFR 1910.1200), based on its formulation components.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):
No components of this formulation are listed.

CERCLA Hazardous Substance List (40CFR302.4):
This product contains a component, Glycol Ether, DB (CAS# 113-34-5) that is listed as a Hazardous Substance on this list.

Clean Air Act(CAA)-Section 112, Hazardous Air Pollutants (HAPs) List:
No components of this formulation are listed.

Clean Air Act(CAA)-Section 112(r), Accidental Release Prevention (40 CFR 69.130): No components of this formulation are listed.

Clean Water Act: The component of this formulation, Hydrochloric Acid (CAS# 7467-01-0), is listed (RQ=5000 lbs) as a hazardous substance under the CWA.

Other U.S. State Inventories

Formulation components of this product listed on the following U.S. State Hazardous Substance Inventories or Right-to-Know lists:

Rhode Island - Nonylphenol, Ethoxylated
Massachusetts - Nonylphenol, Ethoxylated; Hydrochloric acid
New Jersey - Nonylphenol, Ethoxylated; Hydrochloric acid
Pennsylvania - Nonylphenol, Ethoxylated; Hydrochloric acid
California - Hydrochloric acid
Minnesota - Hydrochloric acid

California Proposition 65, Safe Drinking Water and Toxic Enforcement Act of 1986: This product is not known to the State of California to cause cancer or other reproductive harm.

International Inventories (formulation Components): (This product is not on any of the following international inventories, but its components are as listed below).

Canada:

Domestic Substances List (DSL) - Hydrochloric Acid; Nonylphenol, Ethoxylated; and 2-(2-Butoxyethoxy) ethanol are listed.

Non-Domestic Substances List (NDSL) - No components are listed.

16. OTHER INFORMATION

NFPA	**Health hazards**	2	**Flammability**	1	**Reactivity**	0	**Other**	
HMIS	**Health hazards**	2	**Flammability**	1	**Reactivity**	0	**Personal protection**	

Issue Date 06/30/2015
Revision Date
Revision Note

N/A = Not Applicable; N/D = Not Determined

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet