

# MATERIAL SAFETY DATA SHEET

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## SECTION I - IDENTIFICATION

**PRODUCT NAME:** **Low pH Drying Agent**

**PRODUCT TYPE:** .....Liquid Cationic Drying Agent

## SECTION II – INGREDIENTS

INGREDIENT	C.A.S. NUMBER	PEL
Water	7732-18-5	No limits established
Mixed Petroleum Hydrocarbons	64741-44-2	5 mg/m3 PEL
Dialkyl Quaternary Ammonium Chloride	61789-77-3	No limits established
Acetic Acid	64-19-7	10 ppm TLV
2-Butoxy Ethanol	111-76-2	20 ppm TLV, 25 ppm PEL

## SECTION III – PHYSICAL DATA

**APPEARANCE:** Light gold transparent liquid, with a vinegar odor.

**VAPOR PRESSURE:**N/A

**VAPOR DENSITY (AIR=1):**N/A

**SPECIFIC GRAVITY:**0.96

**pH:**5.0-6.0

**BOILING POINT:** 210 degrees F.

**SOLUBILITY IN WATER:** Completely soluble.

## SECTION IV – FIRE AND EXPLOSION DATA

**FLASHPOINT:** .....This product is non-flammable.

**EXTINGUISHING MEDIA:** .....This product is non-flammable. Use extinguishing media suitable for materials already burning.

**SPECIAL FIRE FIGHTING PROCEDURES:**.....Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** .....None known.

## SECTION V – REACTIVITY DATA

**STABILITY:**.....Stable under normal conditions.

**HAZARDOUS POLYMERIZATION:** .....This product not known to polymerize.

**INCOMPATIBILITY:**.....Do not mix with other chemicals.

**HAZARDOUS BYPRODUCTS** .....Carbon monoxide, carbon dioxide.

## SECTION VI – HEALTH DATA

**ROUTE(S) OF ENTRY:**.....Inhalation, skin absorption, or ingestion.

**LISTED CARCINOGEN:**.....Not listed by IARC, NTP or OSHA.

**MEDICAL CONDITION AGGRAVATED:**None known.

**INHALATION:** .....Not likely to be inhaled in hazardous amounts. Avoid exposure to mists or vapors. Maintain adequate ventilation in the work area.

**INGESTION:** .....This material can cause burns and serious damage to throat, esophagus and stomach.

**EYES:** .....May cause severe eye irritation or burns.

**SKIN (DERMAL):**.....This product may cause burns or irritation if not removed from the skin.

## SECTION VII – FIRST AID

**BREATHING (INHALATION):**.....If victim shows signs of discomfort or irritation, remove to fresh air. If symptoms persist, get immediate medical attention.

**SWALLOWING (INGESTION):**.....DO NOT INDUCE VOMITING! Drink a large quantity of water, followed by either milk or a minimum of 2 teaspoons of milk of magnesia. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!

**EYES:** .....Flush eyes with a large quantity of fresh water for at least 15 minutes. Apply ice compresses and GET IMMEDIATE EMERGENCY MEDICAL ATTENTION by an eye specialist. It may be necessary to take victim to a hospital emergency room.

**SKIN (DERMAL):**.....Immediately flush from skin and clothing with large amounts of fresh water. Get immediate medical attention. Rewash contaminated clothing before wearing.

## SECTION VIII – EMPLOYEE PROTECTION

**RESPIRATORY PROTECTION:** .....If necessary, use an OSHA approved respirator for acid gases.

**PROTECTIVE CLOTHING:** .....Nitrile or PVC gloves, and chemical splash goggles.

**ADDITIONAL MEASURES:**.....Do not place this product in an unmarked container! Keep away from children! Spilled material is slippery.

## SECTION IX – SPILL AND DISPOSAL DATA

**SPILL:**.....Dike to prevent spillage into streams or sewer systems. Consult local, state and federal authorities.

**WASTE DISPOSAL:**.....As recommended by local, state and federal authorities.

**HANDLING & STORAGE PRECAUTIONS:**.....Do not store in metal containers. Store at ambient temperatures. Keep from freezing. DO NOT TRANSFER TO UNMARKED CONTAINERS. KEEP AWAY FROM CHILDREN.

## SECTION X – OTHER REGULATORY INFORMATION

**PROPER SHIPPING NAME:** Not D.O.T. regulated.

**NFPA HEALTH:** 2

**NFPA FLAMMABILITY:** 1

**HAZARD CLASS AND LABEL:**None

**NFPA REACTIVITY:** 0

**NFPA OTHER:** Acid

## SECTION XI – PRECAUTIONARY STATEMENTS

**WARNING:** .....The information contained in this MSDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe- read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it. This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.