

MATERIAL SAFETY DATA SHEET (MSDS)

Issue Date: 01/01/09 Supersedes: 01/01/08

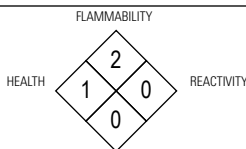
Manufactured By: Kleenrite Chemical, 2727 Girard Blvd. NE, Albuquerque, NM 87107 USA

Emergency Telephone Number: 1-800-535-5053 (24-hour)

SECTION I – CHEMICAL PRODUCT

Product Name: Dry Cleaning Concentrate

Identity: Dry Cleaner



4 = EXTREME 3 = HIGH 2 = MODERATE 1 = SLIGHT 0 = INSIGNIFICANT

SECTION II – COMPOSITION AND INGREDIENTS

Ingredients/Chemical Name: Proprietary formula (NA).

Hazardous Ingredients as Defined by OSHA, 29 CFR 1910.1200.

Chemical Name	Common Name	CAS No.	Recm. Limits	Comp. Range	LD50/LC50
None.					

SECTION III – HAZARDS IDENTIFICATION

Health Hazards (Acute and Chronic):

Ingestion: Stomach upset, vomiting. Aspiration (breathing) of vomitus into lungs must be avoided (even in small quantities) as this may result in aspiration pneumonitis evidenced by coughing and labored breathing.

Eye Contact: Non-irritating to mild irritation.

Inhalation: Irritation of nose, throat and respiratory tract. High vapor concentration may cause CNS depression.

Skin: May cause irritation. Prolonged contact may cause drying, de-fatting and dermatitis.

SECTION IV – FIRST AID INFORMATION

Emergency and First Aid Procedures:

Ingestion: Obtain immediate medical attention.

Eye Contact: Flush eyes with large amounts of water, lifting upper and lower eyelids. If irritation persists, obtain medical attention.

Inhalation: Remove to fresh air. If irritation persists, obtain medical attention.

Skin: Wash off with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, obtain medical attention.

SECTION V – FIRE FIGHTING INFORMATION

Flash Point (Method Used): 143°F (62°C).

Explosive Limits: LEL: 0.7 UEL: 5.4

Extinguishing Media: Foam water, fog, dry chemical or CO2. Do not use as a direct stream of water. Product will float and can be ignited on surface..

Special Fire Fighting Procedures: Cool containers with water spray. Water will spread burning material. Avoid spraying water directly into storage containers due to danger of boil-over. Combustible liquid can form combustible mixtures at temperature at or above the flash point. Do not enter confined fire space without full banker gear plus NIOSH approved SCBA positive pressure.

Unusual Fire Hazards: Containers exposed to intense heat from fire should be cooled with water to prevent vapor pressure buildup, which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, barze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury. Empty drums should be completely drained, properly bunged and promptly returned to a drum container or properly disposed.

Combustion: Combustible; may be ignited by heat or flame.

Sensitivity to Static Discharge: Static discharge material can accumulate static charges, which can charge, which can cause an incendiary electrical discharge.

Sensitivity of Mechanical Impact: None known.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Disposal is to be performed in compliance with all Federal, State and Local regulations.

Steps To Be Taken in Case Quantities of Material are Released or Spilled: Put on safety glasses, or goggles and rubber gloves. Eliminate potential sources of ignition. Contain spill with absorbent material. Clean up residue with water. For large spills, dike area and absorb or pump up.

SECTION VII – HANDLING AND STORAGE

Precautions To Be Taken in Handling and Storing: Avoid eye and skin contact. Store in a cool, dry, well ventilated area away from incompatibles. Keep container tightly closed when not in use. Wash thoroughly after handling materials, as conditions will vary, depending upon customer applications, specific handling procedures should be developed by persons knowledgeable of their intended use, conditions, and equipment.

Other Precautions: For professional use only. Keep out of reach of children.

SECTION VIII – EXPOSURE CONTROLS, PERSONAL PROTECTION

Respiratory Protection: Not normally indicated. If normal levels are exceeded, use an NIOSH approved organic vapor air purifier.

Ventilation: General.

Eye Protection: ANZI Z87 (optional).

Protective Gloves: Neoprene or rubber oil and chemical resistant gloves may be needed for prolonged, direct contact.

Other Protective Equipment: Apron and long pants. Air-dry contaminated clothing in well ventilated area. Launder before use.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance clear liquid

Odor mild

Odor Threshold ND

Coefficient of Water-Oil Distribution ND

Boiling Point 312° F (156° C)

Specific Gravity 0.8

Vapor Pressure (mm Hg) ND

Melting Point ND

Vapor Density (Air = 1) 5

Evaporation (nBuOAc = 1) 3

Water Solubility insoluble

pH (in original form) NA

VOC (gm/l) NA

SECTION X – STABILITY AND REACTIVITY

Possible Hazardous Reactions/Conditions: None known.

Conditions to Avoid: Heat and flame.

Materials to Avoid: Oxidizers.

Hazardous Decomposition Products: Oxides of Carbon.

Stability: Stable.

Hazardous Polymerization: Will not occur.

SECTION XI – TOXICOLOGICAL INFORMATION

None known.

Sensitivity to this product is minimal unless subject shows existing conditions that may be aggravated on exposure. Subject is advised to make good assessment of the conditions.

SECTION XII – ECOLOGICAL INFORMATION

None known.

SECTION XIII – TRANSPORT INFORMATION

DOT Classification: Exempt as outlined under CFR49, Section 173.150 Exceptions for Class 3 (Flammable and combustible liquids).

Non-hazardous liquid, N.O.S.

UN Number: NA.

SECTION XIV – OTHER INFORMATION

SARA 313:Fire SCAQMD VOC = NA

NA = Not Applicable ND = Not Determined NE = Not Established

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health. The information contained herein has been compiled from sources considered by Kleenrite to be dependable and is accurate to the best of the Company's knowledge. The information relates to the specific material designated herein, and does not relate to the use in combination with any other material or process. Kleenrite Chemical makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of their own use, handling and disposal of the product. Kleenrite assumes no responsibility for injury to the recipient or third persons, for any damage to any property resulting from misuse of the controlled products.