

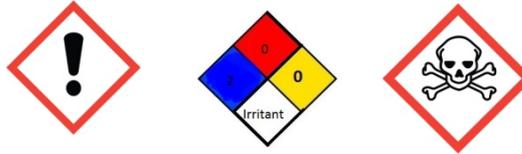


SAFETY DATA SHEET

(1) **IDENTIFICATION**

Name: Equalizer
Use: Cleaner
Supplier: Vetoquinol USA (Tomlyn Products)
 4250 N. Sylvania Ave
 Fort Worth, TX 76137
Tel: (817)529-7500
Fax: (817)529-7506

(2) **HAZARD(S) IDENTIFICATION**



Hazard Classification: Irritant, Poison

SKIN: may cause skin irritation with prolonged contact
EYES: may cause eye damage.
INHALATION: may cause respiratory irritation with prolonged exposure.
INGESTION: May cause severe irritation to mouth, throat, digestive tract and stomach.
May cause death if swallowed and untreated.

(3) **COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical	Common Name: 16% Dual Quat % Concentration	CAS	Exposure
2-Butoxyethanol		111-76-2	Not Assigned
Isopropanol		67-63-0	Not Assigned
Nitrous Oxide		10028-97-2	Not Assigned

(4) **FIRST AID MEASURES**

<u>Exposure Route</u>	<u>Symptom</u>	<u>Treatment</u>
INHALATION	Irritation to nose, throat, lungs, respiratory tract.	Remove to fresh air. If symptoms of coughing, choking or wheezing prove troublesome, or recovery is not rapid, seek medical attention.
SKIN CONTACT	May cause irritation, especially under moist conditions.	Drench skin with plenty of water. Remove contaminated clothing. If irritation persists after rinsing with water, consult a medical advisor.
EYE CONTACT	Strong irritation, corrosion.	Rinse thoroughly with clean water or buffered eye wash for at least 15 minutes. Obtain medical attention.
INGESTION	May cause severe irritation to mouth, throat, digestive tract and stomach. May cause death	Do NOT induce vomiting. Drink plenty of water (or milk) if conscious. Obtain immediate medical attention. Contact

(5) **FIRE-FIGHTING MEASURES****Suitable****Extinguisher:** FOAM, DRY POWDER, WATER, CO₂**Special Precautions:** The Equalizer itself is not flammable, but may assist combustion of other materials under exceptional circumstances, e.g. when involved in a fire.**Special Protective Equipment:** Fire-fighting personnel are required to wear self contained breathing apparatus in the event of a fire involving the equalizer, since release of Sulphur dioxide gas may occur.(6) **ACCIDENTAL RELEASE PROCEDURES****Personal Precautions:** Wear protective equipment (see section 8).**Environmental precautions:** Do not allow to enter drains or water courses. Small quantities (<1kg) however may be diluted to waste via a treatment facility with large quantities of water. Observe local restrictions.**Methods for Cleaning up:** Stop discharge and contain material. Substantial quantities may be recovered with a vacuum pump. Use absorbent materials to capture spills, and place in suitable container. Wash thoroughly with soap and water.

(7) **HANDLING AND STORING**

Precautions during handling: Handle with sufficient care. Wear protective clothing. (see section 8). Where significant dust formation occurs (e.g. when handling bulk quantities) the use of a suitable dust mask may be required (see section 8). Keep pressurized cans away from extreme heat.

Storage: Keep containers tightly sealed and avoid coming into contact with moisture, during storage. Keep away from combustible material.

(8) **EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering measures: Appropriate Local Exhaust Ventilation (L.E.V.) is necessary for handling the product in situations where dust formation is a problem ie. product in bulk quantities. Not normally necessary for preparation of solutions from 50g, 2.5kg, 1kg and 5kg packs.

Personal Protection:

Respiratory: When working in mists product, respiratory protection in the form of a type AP (organic vapour - particulate matter) filter is recommended.

Hand: Rubber gloves

Eye: Goggles or face-shield

Skin: Overalls may be required for dealing with large spills or when handling the product in large quantities.

(9) **PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/Odor: Clear liquid with distinct ammonia like smell.

pH: 8.6-10.0

Boiling point/Range: >31°F

Flash Point: Not applicable.

Explosive properties: Not applicable.

Oxidising properties: Not oxidising.

Specific gravity: 1.200

Solubility (water at 20°C): soluble

(10) **STABILITY AND REACTIVITY**

Stability: Stable under normal conditions.

Conditions to avoid: Aerosol cans are under pressure, exposure to temperatures in excess of 120°F may cause a bursting of can.

Materials to avoid: Combustible materials, open flames

Hazardous decomposition products: CO and CO₂

(11) **TOXICOLOGICAL INFORMATION**

TEST DATA

Skin irritation: Irritant Prolonged or excessive exposure may cause dermatitis

Eye irritation: Irritant Liquid and mist may cause corneal damage.

Human experience: The product is a strong eye irritant, moderate irritant to skin and inhalation of mist.

(12) **ECOLOGICAL INFORMATION**

Persistence and degradability: No data is available. However, based on evaluation of its components this product is not expected to display long term adverse effects in the aquatic environment.

Bioaccumulation: Not noted.

Aquatic toxicity: Harmful to aquatic organisms.

(13) **DISPOSAL CONSIDERATIONS**

Disposal of product and Packaging: Dispose of in accordance with all applicable state, local, and federal laws.

(14)

TRANSPORT INFORMATION

U.N. Number: None assigned
(CDG-CPL): Not classified
Sea (IMDG): Not classified
Road/Rail (RID/ADR): Not classified
Class Number: None assigned
Packing Group: None assigned
Proper Shipping Name: Not applicable
Marine Pollutant: No

(15)

REGULATORY INFORMATION

Symbol: Irritant (Xi) Poison

**Irritant**

R-Phrases: **R38** Irritating to skin.
R41 Risk of serious damage to eyes.
R52 Harmful to aquatic organisms.

S-Phrases: **S2** Keep out of reach of children
S24/25 Avoid contact with skin and eyes
S26 In case of contact with eyes, rinse immediately with plenty of water, seek medical advice.

(16)

OTHER INFORMATION

Uses: Disinfectant/Cleaning agent

Further product information: Consult Equalizer technical leaflet or Vetoquinol USA website www.vetoquinolUSA.com for further information.

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Vetoquinol USA

SDS Dated: 09, october 2014
Supersedes: MSDS dated 10, November 2008

TELEPHONE NUMBER: (817)529-7500 **Poison Control: 800-222-1222**