

SAFETY DATA SHEET

Obliterate Liquid Formula

SECTION 1: Product Identification

Product name : Obliterate Liquid Formula
Chemical family : Mixture of sodium chlorite
Common or Trade name : Deodorizer
Manufacturer : Chem Max Corp
Address : 6479 Norton Center Drive
Norton Shores MI 49441
Phone : 800-858-7237

SECTION 2: Hazards Identification

Obliterate Liquid Formula is not classified as hazardous under 29 CFR 1910.1200 (d) and is not subject to GHS/SDS hazard statement requirements.

NFPA hazard classification:

Health: 1 Flammability: 0 Reactivity: 1 Special hazards: None

SECTION 3: Composition/Information on Ingredients

Name:	CAS#	Weight %
Water	7732-18-5	92%-98%
Sodium chlorite	7758-19-2	1%-4%
Inert proprietary		1%-4%

* The exact percentage of weight of mixture has been withheld as a trade secret as per paragraph(1) of 27 CFR 1910, 1200, formulation is considered a trade secret and specific chemical identity and exact percentage (concentration) of composition may have been withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees or designated representatives in accordance with applicable provisions of paragraph(1).

SECTION 4: First Aid Measures

The following procedures are recommended as emergency first aid only. They are not intended to replace the treatment advice of a physician or other health care specialist.

Eye contact: flush eyes immediately with water for at least 15 minutes. Remove contact lenses after the first 5 minutes if you can do so easily and continue flushing. Get medical attention as soon as possible.

Skin contact: Immediately wash skin with plenty of water. Remove contaminated clothing and wash with water. Launder contaminated clothing before reuse. Get medical attention if irritation persists.

Inhalation: If inhaled, move to fresh air. Seek medical attention if symptoms appear or irritation develops.

Ingestion: If conscious, immediately rinse mouth with water and give one glass of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Seek immediate medical attention.

Most important symptoms/effects, acute and delayed: May irritate skin. May cause irritation and/or burns to the eyes.

SECTION 5: Firefighting Measures

Substance does not burn but supports the combustion of flammable substances through the liberation of oxygen.

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: None known

Specific hazards arising from the chemical: None known

Explosion data

Sensitivity to mechanical impact: None

Sensitivity to static discharge: None

Firefighting procedures: As in any fire, wear self-contained breathing apparatus designed for firefighting, MSHA /NIOSH (approved or equivalent), and full protective gear. In the event of fire and/or explosion, do not breathe fumes.

SECTION 6: Accidental Release and Disposal Measures

Personal precautions: Evacuate personnel to a safe area. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required.

For emergency responders: Use personal protective equipment recommended in section 8 as required.

Environmental precautions: Prevent further leakage or spillage if safe to do so, Prevent product from entering drains, Do not flush into surface water. See Section 12 for additional ecological information.

Methods for containment: Prevent further leakage or spillage if safe to do so. Rinse spill area with plenty of water, at the rate of about 20 times the amount of the spill.

SECTION 7: Storage and Handling

Handling: Do not get in eyes or on skin or clothing. Do not eat or drink in the work area. Use normal hygiene and housekeeping. Ensure adequate ventilation, especially in confined areas.

Storage: Keep container tightly sealed in a dry, cool place.

Incompatible materials: Acids, chlorine and chlorine compounds, hypochlorite, bleach, sulfur and sulfite compounds, combustible/flammable materials and direct sunlight.

SECTION 8: Exposure Control/Personal Protection

Exposure guidelines:

No OSHA, PEL or ACGIH TLV have been established for this product.

Engineering controls:

Avoid release into the environment. Avoid discharge into water courses or onto the ground.

Eyes: Wear appropriate protective glasses or chemical safety goggles as directed by OSHA's eye and face protection regulations in 29 CFR 1910.133

Skin: Wear appropriate protective gloves

Clothing: Selection of protective clothing depends on work conditions and potential exposure conditions and may include gloves, boots, suits and other protective items.

Respirators: Where adequate ventilation is not available, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

Specific hygiene measures: always observe good personal hygiene, such as washing after handling and before eating, drinking and/or smoking. Practice good housekeeping. Access to eyewash and safety shower is recommended.

SECTION 9: Physical and Chemical Properties

Appearance:	Pale to cloudy liquid
Physical state:	Liquid
Odor:	Slight odor of chlorine
Odor threshold:	Not determined
Relative density (water = 1.0):	Not determined
Solubility in water:	100%
PH:	8 to 9.5
Initial boiling point/range:	Not determined
Melting/freezing point:	Not determined
Vapor pressure:	Not determined
Vapor density (air = 1.0):	Not determined
Evaporation rate (n-butyl acetate =1):	Comparable to water
% Volatiles:	Not determined
Partition coefficient (N-Octanol/water):	Not determined
Viscosity:	Not determined
Flashpoint:	Not determined
Flashpoint method:	Not determined
Autoignition temperature:	Not applicable
Upper flame limit (volume % in air):	Non-flammable
Lower flame limit (volume % in air):	Non-flammable
Decomposition temperature:	Not determined
Flammability (solid, gas):	Non-flammable
Polarity:	Anionic

SECTION 10: Stability and Reactivity

Reactivity: Not normally reactive

Possibility of hazardous reactions: Contact with acids or chlorine can result in the evolution of chlorine dioxide gas (ClO₂)

Incompatible materials: Acids, reducing agents, combustible material, oxidizing agents, hypochlorite, bleach, vinegar, and other organic material.

Chemical stability: Normally stable under normal conditions.

Conditions to avoid: Avoid heat, flames, sparks, and other sources of ignition. Avoid evaporation to dryness. Dried material can ignite upon contact with combustibles. Avoid contamination with foreign materials. Avoid exposure to sunlight or ultraviolet light.

SECTION 11: Toxicological Information

Hazard Class	Conclusion/Remarks
Inhalation:	LC 50: > 5.61 mg/l.
Dermal:	LD 50: > 2,020 mg/KG (rabbit).
Oral:	LD 50: 4,360 mg/KG (rat).
Inhalation:	May irritate the respiratory tract.
Ingestion:	May irritate the gastrointestinal tract.
Skin:	Mildly irritating to skin with prolonged or repeated exposure.
Eyes:	May cause serious eye irritation.
Chronic effects:	None known
Carcinogenicity:	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. IARC monographs. Overall evaluation of carcinogenicity . Not listed. OSHA specifically regulated substances (29 CER 1910. 1001-1052) Not listed. NTP (US national toxicology program) report on carcinogens. Not listed.
Mutagenicity:	No known effects.
Reproductive/ developmental toxicity:	No known effects.

SECTION 12: Ecological Information

Ecotoxicity:	Toxic to aquatic life. Do not discharge into lakes, rivers or streams.
Persistence and degradability:	Readily biodegradable.
Bio accumulative potential:	Does not bio-accumulate.
Mobility in soil:	Does not migrate in soil.
Other adverse effects:	No data available

SECTION 13: Disposal Considerations

RCRA

Is the unused product an RCRA hazardous waste if discarded?

No.

Other disposal considerations:

Dispose of in accordance with applicable federal, state and local regulations.

SECTION 14: Transport Information

Air (IATA) Not classified as dangerous in the meaning of transport regulations.

Land (DOT) Not classified as dangerous in the meaning of transport regulations.

Sea (IMDG) Not classified as dangerous in the meaning of transport regulations.

SECTION 15: Regulatory Information

OSHA: This product is not a "hazardous chemical" as defined by the OSHA hazard communication standard 29 CFR 1910.1200

CERCLA: This material does not contain any substance regulated as hazardous substances under the Comprehensive Environmental Response Comprehensive and Liability Act (CERCLA), (49 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA), (40 CFR 355), or **SARA** 304 Emergency Release Notification.

SDWA (Safe Drinking Water Act): not regulated.

CLEAN AIR ACT (CAA): Section 112 Hazardous Air Pollutants (HAPS) list: not regulated.

CLEAN AIR ACT (CAA): Section 112(R) Accidental Release Prevention (40 CFR 68.130): not regulated.

TSCA: United States Toxic Substances Control Act: Section 8 (b) inventory: not regulated

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052): not regulated.

International inventories

DSL/NDSL:	Not regulated
EINECS/ELINCS:	Not regulated
ENCS:	Not regulated
IECSC:	Not regulated
KECL:	Not regulated
PICCS:	Not regulated
AICS:	Not regulated

Legend

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List.

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.

ENCS - Japan Existing and New Chemical Substances.

IECSC -China Inventory of Existing Chemical Substances.

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances.

AICS - Australian Inventory of Chemical Substances.

CHEMICAL SAFETY ASSESSMENT: A chemical safety assessment has not been carried out for the substance or mixture.

Section 16 : Other Information

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End of Safety Data Sheet