

SECTION 1 - IDENTIFICATION

Product identifier/Trade name: SANIBLEND 256

Other means of identification: S256

Recommended use: Cleaner, Disinfectant, Detergent, Deodorizer, Fungicide

Restriction on use: For industrial, institutional and food plants use only.

Initial supplier identifier: Chemotec (PM) Inc.
8820 Place Ray-Lawson
Anjou, Quebec, Canada H1J 1Z2
Phone: (514) 729-6321; 1-800-729-6321

Emergency phone number: (613) 996-6666 (CANUTEC)

SECTION 2 - HAZARDS IDENTIFICATION

2a WHMIS 2015 - GHS (Globally Harmonized System) classification

Acute Tox. 4 H302: Harmful if swallowed.
Skin corr. 1B H314: Causes skin burns and severe eye damage.
Eye Dam. 1 H318: Serious eye damage

2b Label elements Hazard Pictogram:



Signal word: Danger

Hazard statements:

Toxic and fatal if ingested.
Harmful if swallowed.
Causes severe skin burns and eye damage.

Precautionary statements:

KEEP OUT OF REACH OF CHILDREN. DANGER – CORROSIVE Causes eye and skin damage. Do not get in eyes, skin, or clothing. Wear goggles or face shield and rubber gloves when handling.
TOXIC: Harmful or fatal if swallowed. Avoid contamination of food. Remove the contaminated clothing and wash them before reuse. Wash thoroughly with soap and water handling.

FIRST AID: In case of contact, immediately flush eyes, or skin with plenty of water for at least 15 minutes. For eyes, call a physician. If swallowed, drink large quantities of water. Avoid alcohol. Call a physician or poison control center immediately. Take container, label or product name and Drug Identification Number with you when you seek medical attention.

Warning statement

See under precautionary statement.

Hazard statement

See under precautionary statement.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS #	% (weight)	GHS CLASSIFICATION
Alcohol ethoxylate	68131-39-5	1-5	Eye irritation, category 2
Benzalkonium chloride	68424-85-1	7-10	Skin irritation, category 1B Oral toxicity, acute, category 4 Serious eye damage - category 1
Octyl decyl dimethyl ammonium chloride	32426-11-2	4-7	Skin irritation, category 2 Oral toxicity, acute, category 4 Serious eye damage - category 1
Didecyl dimethyl ammonium chloride	7173-51-5	1-5	Skin irritation, category 2 Oral toxicity, acute, category 3 Serious eye damage - category 1
Diocetyl dimethyl ammonium Chloride	5538-94-3	1-5	Skin irritation, category 1 Oral toxicity, acute, category 4 Serious eye damage - category 2A
Ethanol	64-17-5	2	Flammable liquid – category 3

The actual concentrations are withheld as a trade secret.

SECTION 4 - FIRST AID MEASURES

4a Description of first aid measures:

Eye contact:

Rinse cautiously with water for minimum 15-20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician. Take container, label or product name and Drug Identification Number with you when you seek medical attention.

Skin contact:

Wash with plenty water for minimum 15-20 minutes. If skin irritation occurs get medical advice. Take off contaminated clothing and wash it before reuse.

Inhalation:

Bring the person to fresh air. If the person is not breathing, call 911 or an ambulance and give artificial respiration, preferably mouth-to-mouth, if possible.

Ingestion:

If swallowed, drink large quantities of water. Avoid alcohol. Call a physician or poison control centre immediately. Take container, label or product name and Drug Identification Number with you when you seek medical attention.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

4b Most important symptoms and effects

Eye: May cause damage which may be serious if not rinsed promptly
Skin: Short-term direct contact may cause damage that may be serious if not rinsed promptly.
Inhalation: Possible irritation of the respiratory tract
Ingestion: May cause severe irritation and burns of the digestive tract.

4c Immediate medical attention and special treatment needed.

No special treatment. See the doctor's notice in section 2.

SECTION 5 - FIRE FIGHTING MEASURES

5a Extinguishing media

Suitable extinguishing media:

Water (if possible, avoid powerful jets), foam, dry chemicals, carbon dioxide. Product itself is not flammable.

Unsuitable extinguishing media:

None known.

Specific hazards for product

Hazardous combustion products:

Oxides of carbon, nitrogen, and other irritating gases.

Special protective equipment and precautions for firefighters

Special fire-fighting procedures/equipment:

During a fire, irritating smoke and fumes may be generated. A self-contained breathing apparatus is required for fire-fighting personnel to protect themselves from irritating products produced during the combustion. Move containers from fire area if it can be done without risk. A stream of water directed into the product generates a lot of foam.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6a Personal precautions, protective equipment and emergency procedures

Personal protection:

Avoid contact with eyes and skin. Avoid breathing mist from the product. Do not ingest. Provide aeration and sufficient ventilation. Use adequate aeration and ventilation. Floor will be slippery in case of a spill. Use appropriate personal protection equipment (see section 8)

6b Methods and materials for containment and cleaning:

Stop the leak. For large spills, pump the product into drums or clean up spills using absorbent material and place in waste container for destruction. Resume cleaning by rinsing with water. Caution: floors will be slippery.

6c Environmental precautions:

Do not let large quantities go to the sewers.

SECTION 7 - HANDLING AND STORAGE

7a Precautions for safe handling:

Avoid contact with eyes and skin. See section 2 for details.

7b Condition for safe storage:

Store in a sealed container in a well-ventilated place. Do not store with food products. Keep from freezing.

7c Special packaging materials: none.

Keep away from peroxide and bleach. No incompatibility with most materials found in most workplaces.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

8a Control parameters

	Ontario Time-weighted Average Limit (TWA)	Ontario Short-Term Exposure Limit (STEL)	Notations
Ethanol	1000 ppm	None established	

8b Engineering controls:

Ensure adequate ventilation, especially in confined areas. Eye wash facilities and emergency shower recommended when handling this product.

8c Individual protection measures

Respiratory Protection:

Not required under normal applications; wear full-face respirator if needed.

Skin protection and other protective equipment:

Waterproof boots for large spills. Rubber gloves and chemical resistant clothing.

Eye / face protection: Wear safety glasses with side shields and a face shield in case of possible contact.

See section 2.

General hygiene considerations:

KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes and skin. Never eat, drink, or smoke in work areas. Good hygiene is recommended after use of this product.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor:	Clear liquid, no added fragrance.
Odor threshold:	N/Av
pH :	Approximately 7-8
Melting point and freezing point:	Approximately 0 °C
Boiling point:	Approximately 100 °C
Flash point:	Greater than 62°C
Evaporation rate (n-BuAc =1):	0.4 (water)
Lower flammable limit (% by volume):	N/Av
Upper flammable limit (% by volume):	N/Av.
Explosion data - Sensitivity to mechanical impact:	Not sensitive
Explosion data - Sensitivity to static discharge:	Not sensitive
Vapour pressure (mm Hg)	20 mm Hg (water)
Vapour density:	0.6 (water)
Specific gravity or density (water = 1 at 4 °C):	1.0 g/cm ³ @ 20 °C
Solubility in water:	Miscible
Partition coefficient – n-octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature	Not available
Viscosity:	<100 cps @ 25 °C

SECTION 10 - STABILITY AND REACTIVITY

10a Reactivity:

Not applicable when used as directed.

10b Chemical stability:

Stable at room temperature, in normal handling and storage conditions.

10c Possibility of hazardous reactions:

May react with strong acids and strong oxidizing agents.

10d Conditions to avoid:

Avoid contact with strong oxidizing agents and anionics surfactants.

10e Incompatible materials

Strong oxidizing agents and anionics surfactants.

10f Hazardous decomposition products:

Carbon oxides, nitrogen oxides, ammonia, and other irritant gases.

SECTION 11 - TOXICOLOGICAL INFORMATION

Primary entry route(s): Eye, skin, and ingestion.

Eye: May cause severe burns which can be serious if not rinsed quickly.

Skin: Short-term direct contact may cause burns that may be serious if not rinsed promptly.

Inhalation: Irritation of the respiratory tract

Ingestion: May be fatal.

Carcinogenicity:

No ingredient listed by IARC as a possible carcinogen.

Teratogenicity, mutagenicity, other reproductive effects:

Not expected to cause reproductive or developmental effects.

Skin sensitization: Not expected to cause skin sensitization.
Respiratory tract sensitization: Not available
Synergistic materials: Not available
Other important hazards: Not available

Toxicological data: The calculated LD₅₀ for this product is greater than 1,000 mg/Kg, (oral, rat) and greater than 5,000 mg/kg (dermal, rabbit); our products are not tested on animals.

For more details, refer to Section 3.

SECTION 12 - ECOLOGICAL INFORMATION

12b Persistence and degradability: Not available.
12c Bioaccumulation potential: Not available
12d Mobility in soil: There is no test data on this product.
12e Other adverse effect No other adverse environmental effects (e.g., ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13 - DISPOSAL CONSIDERATIONS

Eliminate according to federal, provincial, and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Transportation of Dangerous Goods (TDG):

DOT, IMG, IATA UN1760

UN Proper shipping name :

DOT + TDG: Corrosive liquid, n.o.s. (Didecyldimethylammonium chloride, Alkyl(C12-16) alkyl dimethylbenzylammonium chloride)

IMDG, IATA : Corrosive liquid n.o.s. (Didecyldimethylammonium chloride, Alkyl(C12-16) alkyl dimethylbenzylammonium chloride)

Transport hazard class(es)

DOT, IMDG, IATA

Class: 8 Corrosive substances

Packaging Group

DOT, IMDG, IATA: III

SECTION 15 - REGULATORY INFORMATION

In Canada

WHMIS information:

This product is regulated under the Food and Drug Regulations.

WHMIS Classification: See section 2a

CEPA information: Ingredients are listed on the DSL inventory.

SECTION 16 - OTHER INFORMATION

Date of latest revision 2021-02-15

References:

1. Manufacturer'/suppliers' SDS.
2. Occupational Exposure Limits for Ontario Workplaces required under Regulation 833.
3. International Agency for Research on Cancer Monographs
4. The European Chemicals Agency (ECHA) website.

Abbreviations:

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstract Service
CEPA	Canadian Environmental Protection Act
cps	Centipoises
DSL	Domestic Substance List
HMIS	Hazardous Material Information System
IARC	International Agency for Research on Cancer
LC	Lethal concentration
LD	Lethal Dosage
N/Av	Not available
N/Ap	Not Applicable
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
TLV	Threshold Limit Value
WHMIS	Workplace Hazardous Materials Information System

End of the SDS