



Safety Data Sheet

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SECTION 1: Identification

1.1. Product identifier

3M™ Peroxide Cleaner Ready-to-Use (Product No. 34, 3M(TM) Chemical Management Systems)

Product Identification Numbers

LN-D100-1258-9, 61-0000-6319-0
7010290117

1.2. Recommended use and restrictions on use

Recommended use

VOCs and human & environmental toxicity. Skin/eye damage met requirements at the as-used dilution, as specified for closed dilution systems. GreenSeal.org., Peroxide Cleaning Solution. No fragrance added., This bottle contains a use dilution of a product that, when dispensed through the 3M Twist-n-Fill system, meets Green Seal™ Standard GS-37 based on effective performance, concentrated volume, minimized/recycled packaging, and protective limits on: VOCs a, Hard Surface Cleaner

1.3. Supplier's details

MANUFACTURER:	3M
DIVISION:	Commercial Branding and Transportation Division
ADDRESS:	3M Center, St. Paul, MN 55144-1000, USA
Telephone:	1-888-3M HELPS (1-888-364-3577)

1.4. Emergency telephone number

1-800-364-3577 or (651) 737-6501 (24 hours)

SECTION 2: Hazard identification

2.1. Hazard classification

Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

2.2. Label elements

Signal word

Not applicable.

Symbols

Not applicable.

Pictograms

Not applicable.

SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt
WATER	7732-18-5	> 99 Trade Secret *
ETHOXYLATED C9-11 ALCOHOLS	68439-46-3	< 1 Trade Secret *
1-HYDROXYETHANE-1,1-DIPHOSPHONIC ACID	2809-21-4	< 0.1 Trade Secret *
HYDROGEN PEROXIDE	7722-84-1	< 0.1 Trade Secret *
Sodium Hydroxide	1310-73-2	< 0.1 Trade Secret *

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

No need for first aid is anticipated. If symptoms develop, remove the affected person to fresh air. Get medical attention.

Skin Contact:

Wash with soap and water. If signs/symptoms develop, get medical attention.

Eye Contact:

If exposed, flush eyes with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms develop, get medical attention.

If Swallowed:

Do not induce vomiting. Rinse mouth. If you feel unwell, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

No critical symptoms or effects. See Section 11.1, information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment required

Not applicable.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Material will not burn. Use a fire fighting agent suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

5.3. Special protective actions for fire-fighters

No special protective actions for fire-fighters are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the area with fresh air. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

For industrial/occupational use only. Not for consumer sale or use. NOTE: The above precautionary information presumes that this ready-to-use product has been diluted and dispensed from a chemical dispensing system. Keep out of reach of children. Avoid release to the environment.

7.2. Conditions for safe storage including any incompatibilities

No special storage requirements.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient	C.A.S. No.	Agency	Limit type	Additional Comments
Sodium Hydroxide	1310-73-2	ACGIH	CEIL:2 mg/m ³	
Sodium Hydroxide	1310-73-2	OSHA	TWA:2 mg/m ³	
HYDROGEN PEROXIDE	7722-84-1	ACGIH	TWA:1 ppm	A3: Confirmed animal carcin.
HYDROGEN PEROXIDE	7722-84-1	OSHA	TWA:1.4 mg/m ³ (1 ppm)	

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

OSHA : United States Department of Labor - Occupational Safety and Health Administration

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Under normal use conditions, eye exposure is not expected to be significant enough to require eye protection.

Skin/hand protection

Under normal use conditions, skin exposure is not expected to be significant enough to require skin protection.

Respiratory protection

If product is not used with a chemical dispensing system or if there is an accidental release:

NOTE: When used with a chemical dispensing system as directed, respiratory protection is not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state
Color

Liquid
Colorless

Odor

Moderate Alcohol

Odor threshold

No Data Available

pH

7

Melting point

Not Applicable

Boiling Point

≤ 211.97 °F

Flash Point

No flash point

Evaporation rate

No Data Available

Flammability (solid, gas)

Not Applicable

Flammable Limits(LEL)

No Data Available

Flammable Limits(UEL)

No Data Available

Vapor Pressure

No Data Available

Vapor Density

No Data Available

Density

1 g/cm³

Specific Gravity

1 [Ref Std: WATER=1]

Solubility In Water

No Data Available

Solubility- non-water

No Data Available

Partition coefficient: n-octanol/ water

No Data Available

Autoignition temperature

No Data Available

Decomposition temperature

No Data Available

Viscosity

No Data Available

Bulk density

No Data Available

Volatile Organic Compounds

< 0.01 % weight

VOC Less H₂O & Exempt Solvents

< 100 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

This material is considered to be non reactive under normal use conditions.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Substance

None known.

Condition

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1. Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation:

No known health effects.

Skin Contact:

Contact with the skin during product use is not expected to result in significant irritation.

Eye Contact:

Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion:

No known health effects.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Name	Route	Species	Value
Overall product	Dermal		No data available; calculated ATE >5,000 mg/kg
Overall product	Inhalation-Vapor(4 hr)		No data available; calculated ATE >50 mg/l
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
ETHOXYLATED C9-11 ALCOHOLS	Dermal	similar compounds	LD50 > 2,000 mg/kg
ETHOXYLATED C9-11 ALCOHOLS	Inhalation-Dust/Mist (4 hours)	similar compounds	LC50 > 1.6 mg/l
ETHOXYLATED C9-11 ALCOHOLS	Ingestion	similar compounds	LD50 3,488 mg/kg
HYDROGEN PEROXIDE	Dermal	Rabbit	LD50 > 2,000 mg/kg
HYDROGEN PEROXIDE	Inhalation-Dust/Mist (4 hours)	Rat	LC50 2 mg/l
HYDROGEN PEROXIDE	Ingestion	Rat	LD50 1,193 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
ETHOXYLATED C9-11 ALCOHOLS	similar compounds	Minimal irritation

HYDROGEN PEROXIDE	Rabbit	Corrosive
Sodium Hydroxide	Rabbit	Corrosive

Serious Eye Damage/Irritation

Name	Species	Value
ETHOXYLATED C9-11 ALCOHOLS	Professional judgement	Moderate irritant
HYDROGEN PEROXIDE	Rabbit	Corrosive
Sodium Hydroxide	Rabbit	Corrosive

Skin Sensitization

Name	Species	Value
ETHOXYLATED C9-11 ALCOHOLS	Guinea pig	Not classified
HYDROGEN PEROXIDE	Guinea pig	Not classified
Sodium Hydroxide	Human	Not classified

Respiratory Sensitization

For the component/components, either no data are currently available or the data are not sufficient for classification.

Germ Cell Mutagenicity

Name	Route	Value
ETHOXYLATED C9-11 ALCOHOLS	In Vitro	Not mutagenic
HYDROGEN PEROXIDE	In vivo	Not mutagenic
HYDROGEN PEROXIDE	In Vitro	Some positive data exist, but the data are not sufficient for classification
Sodium Hydroxide	In Vitro	Not mutagenic

Carcinogenicity

Name	Route	Species	Value
HYDROGEN PEROXIDE	Dermal	Multiple animal species	Some positive data exist, but the data are not sufficient for classification
HYDROGEN PEROXIDE	Ingestion	Mouse	Some positive data exist, but the data are not sufficient for classification

Reproductive Toxicity**Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test Result	Exposure Duration
ETHOXYLATED C9-11 ALCOHOLS	Dermal	Not classified for female reproduction	Rat	NOAEL 250 mg/kg/day	2 generation
ETHOXYLATED C9-11 ALCOHOLS	Dermal	Not classified for development	Rat	NOAEL 250 mg/kg/day	2 generation
ETHOXYLATED C9-11 ALCOHOLS	Dermal	Not classified for male reproduction	Rat	NOAEL 100 mg/kg/day	2 generation
HYDROGEN PEROXIDE	Ingestion	Not classified for female reproduction	Rat	LOAEL 5 mg/kg/day	6 months
HYDROGEN PEROXIDE	Ingestion	Not classified for male reproduction	Rat	LOAEL 5 mg/kg/day	6 months
HYDROGEN PEROXIDE	Ingestion	Not classified for development	Rat	LOAEL 5 mg/kg/day	during gestation

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
ETHOXYLATED C9-11 ALCOHOLS	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	
HYDROGEN PEROXIDE	Inhalation	respiratory irritation	May cause respiratory irritation	Human	NOAEL Not available	
HYDROGEN PEROXIDE	Ingestion	nervous system	Some positive data exist, but the data are not sufficient for classification	Human	LOAEL Not available	poisoning and/or abuse
Sodium Hydroxide	Inhalation	respiratory irritation	May cause respiratory irritation	Human	NOAEL Not available	

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
ETHOXYLATED C9-11 ALCOHOLS	Dermal	kidney and/or bladder heart hematopoietic system liver nervous system respiratory system	Not classified	Rat	NOAEL 125 mg/kg/day	13 weeks
HYDROGEN PEROXIDE	Ingestion	hematopoietic system	Not classified	Rat	NOEL 0.005 mg/kg/day	6 months
HYDROGEN PEROXIDE	Ingestion	liver kidney and/or bladder	Not classified	Mouse	NOAEL Not available	35 weeks

Aspiration Hazard

For the component/components, either no data are currently available or the data are not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information**Ecotoxicological information**

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

Chemical fate information

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

SECTION 13: Disposal considerations**13.1. Disposal methods**

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in a permitted industrial waste facility. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

EPA Hazardous Waste Number (RCRA): Not regulated

SECTION 14: Transport Information

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501.

SECTION 15: Regulatory information

15.1. US Federal Regulations

Contact 3M for more information.

EPCRA 311/312 Hazard Classifications:

Physical Hazards

Not applicable

Health Hazards

Not applicable

15.2. State Regulations

Contact 3M for more information.

15.3. Chemical Inventories

The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information.

The components of this product are in compliance with the new substance notification requirements of CEPA.

The components of this material are in compliance with the China "Measures on Environmental Management of New Chemical Substance". Certain restrictions may apply. Contact the selling division for additional information.

The components of this material are in compliance with the provisions of the Korean Toxic Chemical Control Law. Certain restrictions may apply. Contact the selling division for additional information.

The components of this material are in compliance with the provisions of Japan Chemical Substance Control Law. Certain restrictions may apply. Contact the selling division for additional information.

The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information.

The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

Contact 3M for more information.

15.4. International Regulations

Contact 3M for more information.

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: Other information

NFPA Hazard Classification

Health: 0 Flammability: 0 Instability: 0 Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar

emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

HMIS Hazard Classification

Health: *0 **Flammability:** 0 **Physical Hazard:** 0 **Personal Protection:** X - See PPE section.

Hazardous Material Identification System (HMIS® IV) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® IV ratings are to be used with a fully implemented HMIS® IV program. HMIS® is a registered mark of the American Coatings Association (ACA).

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