

1. Identification

Name of the product: **Optik-Wipes** SDS Code: CC OW1
Product Identification Number(s): 2067 Date prepared: March 12, 2015
Recommended use: Surface wipe.
Use not recommended: Body wipe.
Company: **Control Company**
4455 Rex Road Telephone: 800-342-3577
Friendswood, TX 77546 Fax number: 580-327-3579
Product Information: 800-342-3577 CHEMTREC (Transportation): 1-800-424-9300
CPR STATEMENT: This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

2. Hazard(s) identification**Emergency Overview**

OSHA Hazards

Flammable liquid, Target Organ Effect, Irritant

Other hazards which do not result in classification are: May form explosive peroxides.

GHS Classification

Flammable liquids (Cat. 2) H225 Highly flammable liquid and vapor.

Skin irritation (Cat. 3) H316 Causes mild skin irritation.

Serious eye damage (Cat.1) H318 Causes serious eye damage.

Specific target organ toxicity - single exposure (Cat. 3)

GHS Label elements, including precautionary statements

Pictogram:

Signal word: **Danger****Hazard statements:**

H225 Highly flammable liquid and vapor.

H316 Causes mild skin irritation.

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

Precautionary statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P261 Avoid breathing dust/ fume/ gas/ mist/ spray.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

3. Composition / Information on ingredients

Chemical identity: 1-Propanol 100%
Common name: n-Propanol
Numbers of identity: CAS. 71-23-8 EC 200-746-9
Impurities: None of toxicological significance.

4. First-aid measures

P304+313 +341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a physician.

P302+352 IF ON SKIN: Wash with soap and water.

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes.

Remove contact lenses if present and easy to do; continue rinsing.

P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed: Severe eye irritation. Skin irritation.

5. Firefighting measures

Suitable extinguishing equipment:

Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Emergency procedures:

Eliminate ignition source. Evacuate unnecessary personnel. Call appropriate fire fighting crew.

Special protective equipment for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

Hazardous decomposition products formed under fire conditions. - Carbon oxides, product vapors.

Use water spray to cool unopened containers.

6. Accidental release measures

Use personal protective equipment. Avoid breathing, mist or vapors. Ensure adequate ventilation.

Remove all sources of ignition. Evacuate personnel to safe areas. Be aware of possible accumulating vapors which could form explosive concentrations. Vapors can accumulate in low areas.

Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleaning up

Contain spillage, and then absorb with industrial absorbent, or collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

See also Sec. 13.

7. Handling and storage

Precautions for safe handling:

Avoid contact with skin and eyes. Avoid inhalation of vapors or mist.

Use explosion-proof equipment. Keep away from sources of ignition - No smoking.

Prevent the build up of electrostatic charge.

Conditions for safe storage:

Keep container tightly closed in a dry and well-ventilated place.

Containers which have been opened must be resealed and kept upright to prevent leakage.

8. Exposure controls / personal protection

Information on the system design:

Product is intended for external use only. Stay up wind, out of any spray developed.

Exposure Limits: Reference 29CFR 1910.1000 Table Z-1

Component Name, CAS#	OSHA PEL	ACGIH TLV
1-Propanol 71-23-8	200 ppm	100 ppm

Personal protective equipment :

Respiratory protection: Where appropriate use a full-face supplied air respirator.

Hand protection: Rubber gloves.

Eye protection: Safety glasses with side-shields.

Skin and body protection: Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely; flame retardant and antistatic properties are recommended.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

Wash hands and face before breaks and immediately after handling the product.

9. Physical and chemical properties

Appearance:	Clear, colorless liquid	
Odor:	Alcoholic	
Odor threshold:	No data available	
pH-value:	Not applicable	
Melting/ freezing point:	127 °C (-197 °F) - literature	
Initial boiling point:	97 °C (207 °F)	
Flash point:	22 °C (72 °F) - closed cup	
Evaporation rate:	no data available	
Flammability (solid, gas):	Not applicable	
Explosion limits:	Lower: 2.1 V% Upper: 13.7V% (Isopropyl alcohol)	
Vapor pressure:	19.3 hPa (14.5 mmHg) at 20 °C (68 °F)	
Vapor density:	2.07 (Air = 1)	Auto-ignition temperature: 400 °C (752 °F)
Relative density (water=1.00):	0.804 g/cm ³ approx.	Decomposition temperature: No data
Solubility: Totally soluble in water at 20°C		Viscosity: Like water
Partition coefficient: Log Kow:	log Pow: 0.25 - 0.34 octanol/water	

10. Stability and reactivity

Chemical stability: No decomposition, if used according to specifications.
Possibility of hazardous reactions: May form explosive mixture with air.
Conditions to avoid: Heat, flames and sparks. Extremes of temperature and direct sunlight.
Materials to avoid: Oxidizing agents
Hazardous decomposition products: Carbon oxides, product vapors.

11. Toxicological information

There is no data available for the product.

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

Oral Toxicity LD 50:	Rat 8,038 mg/kg
Dermal Toxicity LD 50:	Rabbit 4,000 mg/kg
Inhalation Toxicity, LC50:	Rat 20000 ppm, 1 hr
Eye Irritation (Rabbit)	Severe irritation
Dermal Irritation (Rabbit)	No irritation

Chronic Effects on Humans:

No component >0.1% listed by NTP, IARC, OSHA or ACGIH as a suspect or potential carcinogen.

California Prop. 65 chemicals: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Contains material which may cause damage to the following organs: kidneys, liver, CNS,

Signs and Symptoms of Exposure: Central nervous system depression, prolonged or repeated exposure can cause:, nausea, dizziness, narcosis or drowsiness.

12. Ecological information

Ecotoxicity: 1-Propanol

Toxicity to fish: LC50 - Pimephales promelas (fathead minnow) - 4,555 mg/l - 96 h

Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 3,642 mg/l - 48 h

Products of Biodegradation:

The product is miscible in water and readily biodegradable in both water and soil. Accumulation is not expected.

Mobility in soil No data available

Results of PBT and vPvB assessment
PBT/vPvB assessment not available No data available.

13. Disposal considerations

Product as made has the characteristic of ignitability, like " Unlisted Hazardous Waste D001", RQ 100#. Burn in a chemical incinerator equipped with an afterburner and scrubber. Dispose in accordance with local, state and federal regulations.

14. Transport information

DOT (US)

UN1274 n-Propanol, Class 3, PG II

Reportable Quantity (RQ): Not possible in one non bulk packabe

Marine pollutant: No May also be shipped Consumer Commodity ORM-D

The description shown may not apply to all shipping situations. Consult 49CFR, OSHA or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name, labeling) and mode-specific or quantity-specific shipping requirements,

15. Regulatory information

OSHA Hazards: Hazard Communication Standard (29 CFR 1910.1200).

Flammable liquid, Target Organ Effect, Irritant

SARA 302 Components: None

SARA 313 Components: None

Inventory Status: All components are on TSCA, EINECS/ELINCS, AICS, and DSL.

Federal and State Regulations:

State Right to Know lists (RTK):

n-Propanol

MA, PA, NJ

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Flammable liquid, Target Organ Effect, Irritant

WHMIS (Canada): CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2B:

Material causing other toxic effects: None

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. Other information

SDS Preparation date: March 12, 2015

Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8,
Immediate	Yes	Yes	No	No	OSHA 29 CFR 1910.1200 and
Delayed	Yes	No	XXX	XXX	SARA 302/311/312/313.
HMIS Hazard ratings: Health 2 Fire 3 Instability 0 Other B (Goggles, gloves)					
Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4					

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Note: The information in this SDS was obtained from current reputable and competent sources.

However, the data is provided without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product.

This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with requirements of the U.S. Government's Occupational Safety and Health Administration (OSHA).