

SAFETY DATA SHEET

© Carlisle Fluid Technologies, Inc.
 PRODUCT RELATED HEALTH DATA SHEET

1. IDENTIFICATION of the SUBSTANCE/MIXTURE and of the COMPANY

Product Name: DeWipe-Outs™ Pre-saturated Wipes containing a volumetric blend of 50% IPA / 50% DI Water
Part Number: Part No. 803046
Product Description: Lint-free, pre-saturated prep wipe.
SDS #: SDS-57 Revision #: 3.0.0
DATE REVISED: 08/15/2018 **DATE PREPARED:** 07/21/2015
Chemical Formula: Proprietary Wipe fabric, Isopropyl Alcohol, and Deionized Water.
CAS Number: See Section #3, below
Article Code: 3225
General Use: Use this wipe to clean and remove dust, dirt, residue, and static from surfaces to be painted.

Company Information:

Carlisle Fluid Technologies, Inc.
16430 North Scottsdale Road
Scottsdale, AZ 85254

Technical service number 1-888-992-4657

Technical service Europe Tel: +44 (0)1202 571 111

Emergency telephone number

Emergency Number - INFOTRAC

The National Chemical Emergency Centre (NCEC)

EMERGENCY PHONE (24 HOURS):

Deutsche hotline - 0800 7238996 (Kostenfrei innerhalb Deutschlands)

1-800-535-5053

oder +44 (0)1235 753 148

2. HAZARDS IDENTIFICATION

Label elements

Hazard pictograms:



Signal word:

DANGER!

GHS Class:

Flammable Liquid, Category 2
 Eye Irritant, Category 3
 Specific Target Organ Toxicity, Single Exposure, Category 3

Hazard statements:

H225 – Highly flammable liquid and vapor.
 H319 – Causes serious eye irritation.
 H336 – May cause drowsiness or dizziness.

Precautionary statements:

P210 – Keep away from heat/sparks/open flames – No smoking.
 P370 – IN CASE OF FIRE: Use dry chemical, carbon dioxide to extinguish small fires. Use water for large fires.
 P280 – Wear protective gloves/protective clothing/eye protection/face protection.
 P261 – Avoid breathing vapors.
 P403 + 233 – Store in a well-ventilated place. Keep container tightly closed.
 P501 – Dispose of contents/container in accordance with Local, State, Federal, and Provincial regulations.
 P305 – IF IN EYES: Rinse cautiously with water for several minutes.
 P304 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P312 – Call a POISON CONTROL CENTER or doctor/physician if you feel unwell.



P303 = 361 + 353 – IF ON SKIN OR HAIR: Remove/Take off all contaminated clothing immediately. Rinse skin with water or shower.

Emergency Overview:
Route of Exposure:
Potential Health Effects

DANGER! Flammable. Irritant. May cause drowsiness or dizziness.
 Eyes. Skin. Inhalation.

Eye contact:

Eye contact with product or vapors may result in irritation, redness, and blurred vision. May cause pain disproportionate to the level of irritation to the eye tissues. Vapors may cause eye irritation experienced as mild discomfort and redness. May cause moderate corneal injury.

Skin contact:

May cause irritation. Repeated exposure may cause a burning sensation and dryness or cracking. Prolonged skin contact is unlikely to result in absorption of harmful amounts.

Inhalation:

Inhalation of vapors, fumes, or mists of the product may be irritating to the respiratory system. Excessive exposure (>400ppm) may cause eye, nose, and throat irritation. Higher levels may cause loss of coordination, confusion, hypotension, hypothermia, circulatory collapse, respiratory arrest, and death may follow at longer durations and higher levels. In confined or poorly ventilated areas, vapors can readily accumulate and cause unconsciousness and death.

Ingestion:

May cause irritation. Ingesting large amounts may cause injury. May cause central nervous system depression, nausea, and vomiting. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

Chronic Effects:

Prolonged or repeated contact may cause skin irritation.
 Repeated or prolonged inhalation may cause toxic effects.

Signs and Symptoms:

Overexposure may cause headaches and dizziness. Signs of excessive exposure include facial flushing, low blood pressure, and irregular heartbeat.

Target Organs:

Eyes. Skin. Respiratory system. Digestive system.

Medical Conditions Aggravated by Long-Term Exposure: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	% by Vol.	CAS Number	EC Number
Isopropyl Alcohol	50	67-63-0	200-661-7
Deionized Water	50	7732-18-5	231-791-2

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, seek medical attention.

Inhalation:

IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing. Call the POISON CONTROL CENTER or a doctor/physician if you feel unwell.

Skin Contact:

IF ON SKIN OR HAIR: Remove/take off all contaminated clothing. Rinse skin with water or shower. If skin irritation occurs, get medical attention.

Ingestion:

IF SWALLOWED: Do NOT induce vomiting. Call the POISON CONTROL CENTER or a doctor/physician immediately. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Flash Point:

27°C / 80°F.

Autoignition Temperature:

399°C / 750°F.

Lower Flammable/Explosive Limit:

2.0% by volume

Upper Flammable/Explosive Limit:

12.0% by volume

Suitable extinguishing media:

Alcohol-resistant foam, dry chemical, carbon dioxide, water spray, fog.

Unsuitable extinguishing media:

Do not use a solid water stream. Use of solid stream of water may spread



fire.

Protective equipment: In the event of a fire, wear appropriate full protective gear and a Self-Contained Breathing Apparatus (SCBA) in accordance with NIOSH, NFPA, and/or EN 137 guidelines, with a full face-piece operated in positive pressure mode.

Unusual Fire and Explosion Hazards: Material burns with an invisible flame.

Hazardous Combustion Byproducts: Oxides of carbon, oxides of nitrogen, and other organic substances may be formed.

Universal Fire and Explosion Hazards: Vapors are heavier than air and may travel along the ground or may be moved by ventilation to locations distant from the point of material handling or release.

NFPA Rating: Health: 1
Flammability: 3
Instability: 0



HMIS Rating: See Section 15.

6. ACCIDENTAL RELEASE MEASURES

- Personnel Precautions:** Evacuate the area and keep unnecessary and unprotected personnel from entering the spill area. Avoid breathing vapor, aerosol or mist. Avoid contact with skin, eyes, and clothing.
- Environmental precautions:** Avoid runoff into storm sewers, ditches, and waterways. Comply with all governmental regulations regarding the reporting of chemical releases.
- Methods for containment:** Spills are very unlikely, because the wiper fabric has absorbed the liquid solvent solution. In the event of a spill, contain with an inert absorbent material.
- Methods for Cleanup:** Remove all sources of ignition. Collect the wipes with a non-sparking tool and absorb or wipe any residual liquids. Place in a suitable container for proper disposal. Use appropriate protective apparel as described in section 8. Avoid contact with the skin and eyes.

7. HANDLING AND STORAGE

- Handling:** Use with adequate ventilation. Avoid breathing vapors and fumes. Use only in accordance with the directions.
- Storage:** Store in a cool, dry, well-ventilated area away from sources of heat, combustible materials, direct sunlight, and incompatible substances. Keep container tightly closed when not in use. Keep away from aldehydes, halogenated organics, halogens, strong acids, and strong oxidizers.
- Protective measures:** Wash thoroughly after handling. Avoid inhaling vapors, mists, or fumes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters			
Exposure Guidelines:	Isopropyl Alcohol:	ACGIH: TLV-TWA:	200 ppm
		TLV-STEL:	400 ppm
		OSHA: PEL-TWA:	400 ppm

Exposure controls

Appropriate engineering: Use appropriate engineering control measures such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Where such systems are not effective wear suitable personal protective equipment which performs satisfactorily and meets OSHA or other recognized standards. Consult with local professionals for selection, training, inspection, and maintenance of the personal protective equipment.

Personal Protection Equipment

Eye Protection: Safety glasses with side shields must be worn at all times. If splash hazard exists, wear chemical splash goggles and/or face shield.

- Skin Protection:** Wear chemically resistant gloves. Consult glove manufacturer for permeability data. Preferred glove materials include: Polyethylene, Neoprene, Chlorinated Polyethylene, Natural Rubber (latex), Polyvinyl Chloride (PVC or Vinyl), nitrile/butadiene rubber (nitrile or NBR), Ethyl vinyl alcohol laminate (EVAL). Avoid gloves made of Polyvinyl Alcohol (PVA).
- Respiratory Protection:** Use a NIOSH/MSHA or European Std. EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Comply with OSHA respirator regulations found in 29 CFR 1910.134 or European Std. EN 149. Use a positive pressure supplied air respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any circumstances where air purifying respirators may not provide adequate protection.
- Other Protective:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
- PPE Pictograms:**



9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm). Data represent typical values and are not intended to be specifications.

- Physical state:** Solid with impregnated liquid
Color: White.
Odor: Alcohol-like.
Appearance: Looks like a wet cloth.
pH: Not determined
Freezing point: Not determined
Boiling point: 82 - 89°C (180 - 192°F).
Flash point: 27°C / 80°F.
Flammability (solid, gas): Highly flammable.
Upper/lower flammability or explosive limits: No data.
Vapor pressure: 43.0 hPa (32 mm Hg) @ 20°C (68°F)
Percent volatile 100%
Relative Density: Not determined
Solubility in Water: Soluble in water.
Partition coefficient n-octanol/water: No data.
Auto-ignition temperature: 399°C / 750°F.
Decomposition temperature: No data.
Viscosity: Not determined
Specific Gravity (water=1): 0.845 g/cm³ @20°C (68°F)

10. STABILITY AND REACTIVITY

- Chemical stability:** Stable under normal temperatures and pressures.
Hazardous polymerization: Not reported.
Conditions to avoid: Keep away from heat, ignition sources, and incompatible materials.
Incompatible materials: Aldehydes, halogenated organics, halogens, strong acids, strong oxidizers.

11. TOXICOLOGICAL INFORMATION

Isopropyl Alcohol

- Inhalation:** Inhalation – Rat LC50: 16000 ppm/8 hr. [Details of toxic effects not reported other than lethal dose value]
 Inhalation – Mouse LC50: 53000 mg/m³ [Behavioral: General anesthetic Lungs, Thorax, or Respiration – Other changes]
 Inhalation – Rat LC50: 72600 mg/m³ [Behavioral: General anesthetic Lungs, Thorax, or

Respiration – Other changes] (RTECS)

Ingestion: Oral – Rat LD50: 5045 mg/kg [Behavioral: Altered sleep time (including change in righting reflex), Behavioral: Somnolescence (general depressed activity)]
 Oral – Mouse LD50: 3600 mg/kg [Behavioral: Altered sleep time (including change in righting reflex), Behavioral: Somnolescence (general depressed activity)]
 Oral – Mouse LD50: 3600 mg/kg [Behavioral: General anesthetic]
 Oral – Rat LD50: 5000 mg/kg [Behavioral: General anesthetic] (RTECS)

Skin contact: Administration onto the skin – Rabbit Std. Draize Test: 500 mg
 Administration onto the skin – Rabbit LD50: 12800 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

Eye contact: Eye – Rabbit Std. Draize Test: 100 mg
 Eye – Rabbit Std. Draize Test: 10 mg
 Eye – Rabbit Std. Draize Test: 100 mg/24 hr. (RTECS)

12. ECOLOGICAL INFORMATION

Complete Product

Ecotoxicity: No ecotoxicity data is available.
Environmental Fate: No environmental fate data is available.

Isopropyl Alcohol

Ecotoxicity: LC50; Species: 1,400,000 µg/L for 48 hr. – Species: Crangon crangon (Common Shrimp)
 LC50; 10,000,000 µg/L for 24 hr. – Species: Daphnia magna (Water Flea)
 LD50; >5000 mg/L for 24 hr. – Species: Cassius auratus (Goldfish)
 LC50; 11,300 mg/L for 48 hr. – Species: Pimephales promelas (Fathead Minnows)

Environmental Fate: Isopropyl Alcohol is expected to have a very high mobility through soil.

Bioaccumulation: Bioconcentration in aquatic organisms is low.

13. DISPOSAL CONSIDERATIONS

The generator of a waste is always responsible for making proper hazardous waste determinations and needs to consider state and local requirements in addition to federal regulations.

Waste treatment methods

Methods of disposal: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Hazardous waste: Not considered to be a Hazardous Waste as shipped.

Packaging

Methods of disposal: Container contents should be completely used and containers should be emptied prior to discard.

Special precautions: None known.

14. TRANSPORT INFORMATION

DOT Shipping Name: Solids containing flammable liquid, n.o.s. (Isopropanol). (Limited quantity).

DOT Hazard Class: 4.1

DOT Packing Group: II

TDG UN Number UN 3175 (Limited quantity)

TDG Shipping Name Solids containing flammable liquid, n.o.s. (Isopropanol).

TDG Hazard Class 4.1

TDG Packing Group II

IATA Shipping Name: Solids containing flammable liquid, n.o.s. (Isopropanol).

IATA Hazard Class: 4.1

IATA Packing Group: II

IMDG UN Number: UN 3175 (Limited quantity)

IMDG Shipping Name: Solids containing flammable liquid, n.o.s. (Isopropanol). (Limited quantity).

IMDG Hazard Class: 4.1

IMDG Packing Group: II

Marine Pollutant: No

15. REGULATORY INFORMATION

U.S. Federal Regulations

Isopropyl Alcohol
TSCA Inventory Status: Listed.

SARA 313

Component	CAS-No	Weight %	SARA 313 - Threshold Values %
Isopropyl alcohol	67-63-0	50	1.0

SARA 311/312 Hazard Categories See section 2 for more information

CWA (Clean Water Act) : Not applicable

Clean Air Act : Not applicable

OSHA Occupational Safety and Health Administration : Not applicable

CERCLA : Not applicable

California Proposition 65 This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Isopropyl alcohol	X	X	X	-	X
Water	-	-	X	-	-

U.S. Department of Transportation

Reportable Quantity (RQ) : N
 DOT Marine Pollutant : N
 DOT Severe Marine Pollutant : N

U.S. Department of Homeland Security : This product does not contain any DHS chemicals.

All of the components in the product are on the following Inventory lists: **International Inventories**

Component	TSCA	DSL	NDSL	EINECS	ELINCS	NLP	PICCS	ENCS	AICS	IECSC	KECL
Isopropyl alcohol	X	X	-	200-661-7	-		X	X	X	X	X
Water	X	X	-	231-791-2	-		X	-	X	X	X

Legend:

X - Listed

E - Indicates a substance that is the subject of a Section 5(e) Consent order under TSCA.

F - Indicates a substance that is the subject of a Section 5(f) Rule under TSCA.

N - Indicates a polymeric substance containing no free-radical initiator in its inventory name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used.

P - Indicates a commenced PMN substance

R - Indicates a substance that is the subject of a Section 6 risk management rule under TSCA.

S - Indicates a substance that is identified in a proposed or final Significant New Use Rule

T - Indicates a substance that is the subject of a Section 4 test rule under TSCA.

XU - Indicates a substance exempt from reporting under the Inventory Update Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(B)).

Y1 - Indicates an exempt polymer that has a number-average molecular weight of 1,000 or greater.

Y2 - Indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

Other International Regulations

Mexico - Grade Serious risk, Grade 3

Canadian Regulations

Canada WHMIS: Controlled – Class: B2 flammable liquid
 Controlled – Class: D2B toxic

Canada DSL: Listed.

EC Number: 200-661-7

Deionized Water

EC Number: 231-791-2

WHMIS Pictograms:



HMIS RATING:

Health = 1
Flammability = 3
Reactivity = 0
Personal Protection = X



16. OTHER INFORMATION

Date Revised: 08/15/2018
Date Prepared: 07/21/2015

SDS PREPARED BY: Director of Chemical Safety

The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However, Carlisle Fluid Technologies, Inc. makes no representations as to its completeness or accuracy. Information is supplied on condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use. In no event will Carlisle Fluid Technologies, Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.

*** END OF SDS ***