

Swipe

SDS Number: A225G

Revision Date: 4/23/2015

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
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Product Name: Swipe
Revision Date: 4/23/2015
SDS Number: A225G
Product Code: A225
Product Use: Heavy Duty Spray & Wipe Cleaner

Emergency Telephone Number:
INFOTRAC
1-800-535-5053

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Aerosols, 1
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 A

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H222 - Extremely flammable aerosol
H315 - Causes skin irritation
H319 - Causes serious eye irritation

GHS Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P211 - Do not spray on an open flame or other ignition source.
P251 - Pressurized container: Do not pierce or burn, even after use.
P264 - Wash thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302 - IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.

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Continue rinsing.
P321 - Specific treatment (see this label).
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.
Continue rinsing.
P321 - Specific treatment (see this label).
P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
P501 - Dispose of contents/container in accordance to local/regional/national/international/ regulations.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: Inhalation, ingestion, eye,skin
Target Organs: NA
Inhalation: Prolonged inhalation may be harmful.
Skin Contact: Causes skin irritation.
Eye Contact: Causes serious eye irritation.
Ingestion: Expected to be of low ingestion hazard.

3	COMPOSITION/INFORMATION OF INGREDIENTS
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Ingredients:
Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV (PPM)	Carcin. Ref.
106-97-8	Butane	2.5-10%	NA	1000	D
6834-92-0	Disodium Metasilicate	1-2.5%	NA	NA	D
9036-19-5	Polyethylene Glycol Octylphenyl Ether	1-2.5%	NA	NA	D
74-98-6	Propane	1-2.5%	1000	NA	D
10101-89-0	Trisodium Phosphate	1-2.5%	NA	NA	D
111-76-2	2-Butoxyethanol	0.1-1%	50	20	D
Other components below reportable levels		80-90%			

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FIRST AID MEASURES

- Inhalation:** If inhalation of gas/fume/vapor/dust/mist from the material is excessive (air concentration is greater than the TLV or health effects are noticed). Immediately remove the affected person(s) to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Call a physician or Poison Control Center immediately. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician if symptoms develop or persist.
- Skin Contact:** Call a physician or Poison Control Center immediately.
- Eye Contact:** Call a physician or Poison Control Center immediately.
- Ingestion:** Rinse mouth. Get medical attention if symptoms occur.

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FIRE FIGHTING MEASURES

- Flammability:** Extremely flammable
- Flash Point:** -156.0 F (-104.4 C) Propellant estimated.
- Extinguishing media: Not available Do not use water jet as an extinguisher, as this will spread the fire.
- Contents under pressure. Pressurized container may explode when exposed to heat or flame.
- Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
- Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
- Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from the fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.
- Extremely flammable aerosol.

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ACCIDENTAL RELEASE MEASURES

- Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
- Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. If possible, turn leaking containers so that gas escapes rather than liquid. Isolate area until gas has dispersed. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent entry into waterways, sewer, basements or confined areas.
- Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.
- Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

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7	HANDLING AND STORAGE
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Handling Precautions: Will ignite if exposed to intensive heat or open flame. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Do not get this material on clothing. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Storage Requirements: Level 1 Aerosol. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 C/ 122 F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS). Level 1 Aerosol (NFPA 30B).

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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Engineering Controls: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Personal Protective Equipment: Respiratory Protection: If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator. Protective gloves: For prolonged or repeated skin contact use suitable protective gloves. Eye protection: Wear tight-fitting goggles or face shield. Face shield is recommended. Wear safety glasses with side shields (or goggles)

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Wear appropriate thermal protective clothing, when necessary.

When using, do not eat, drink or smoke. Do not get in eyes. Do not get this material in contact with skin. Avoid contact with skin. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Aerosol	Flash Point:	-156.0 F (-104.4 C) Propellant estimated
Physical State:	Gas		
Spec Grav./Density:	(H2O=1): 0.98 estimated		
Boiling Point:	212 F (100 C) estimated		
Flammability:	Extremely Flammable		
Vapor Pressure:	60 psig @ 70 F estimated		

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STABILITY AND REACTIVITY

- Chemical Stability:** This product is stable and non-reactive under normal conditions of use, storage and transport.
- Conditions to Avoid:** Chemical stability: Risk of ignition.
Exposure to air. Heat, flames and sparks. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
- Materials to Avoid:** Nitrates. Oxygen. Fluorine. Chlorine.
- Hazardous Decomposition:** No hazardous decomposition products are known.
- Hazardous Polymerization:** Does not occur.

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11	TOXICOLOGICAL INFORMATION
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Information on likely routes of exposure:

- Ingestion Expected to be a low ingestion hazard.
- Inhalation Prolonged inhalation may be harmful.
- Skin Contact Causes skin irritation
- Eye Contact Causes serious eye irritation.

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin Irritation. May cause redness and pain.

Acute Toxicity

Components:

2-Butoxyethanol (CAS 111-76-2)

- Acute
- Dermal LD50 230 ml/kg, 24 hrs (Guinea pig)
 - LD50 7.3 ml/kg, 4 days (Guinea pig)
 - LD50 450 ml/kg, 24 hrs (Rabbit)
 - LD50 435 mg/kg, 24 hrs. (Rabbit)
 - LD50 0.63 ml/kg (Rabbit)
 - LD50 >2000 mg/kg, 24 hrs (Rat)
 - Inhalation LC50 400 ppm, 7 hrs (Rabbit)
 - LC50 450 ppm, 4 hrs (Rat)
 - Oral LD100 695 mg/kg (Rabbit)
 - LD50 >695 mg/kg (Dog)
 - LD50 1200 mg/kg (Guinea pig)
 - LD50 530-2800 mg/kg (Rat)

Butane (CAS 106-97-8)

- Acute
- Inhalation LC50 1237 mg/l, 120 mins. (Mouse)
 - LC50 52%, 120 minutes (Mouse)
 - LC50 1355 mg/l (Rat)

Disodium Metasilicate (CAS 6834-92-0)

- Acute
- Dermal LD50 >5000 mg/kg, 24 hrs (Rat)
 - Inhalation LC50 >2.063 mg/l, 4 hrs (Rat)
 - Oral LD50 661.5-896.3 mg/kg (Mouse)
 - LD50 600 mg/kg (Rat)

Polyethylene Glycol Octylphenyl Ether (CAS 9036-19-5)

- Acute
- Dermal LD50 4190 mg/kg (Rat)

Propane (CAS 74-98-6)

- Acute
- Inhalation LC50 1237 mg/l, 120 mins. (Mouse)
 - LC50 52%, 120 minutes (Mouse)
 - LC50 1355 mg/l (Rat)
 - LC50 658 mg/l, 4h (Rat)

Trisodium Phosphate (CAS 10101-89-0)

Acute

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Oral LD50 7400 mg/kg (Rat)

This product causes skin irritation. Prolonged skin contact may cause temporary irritation.
Harmful in contact with eyes. Causes serious eye irritation.
This product is not expected to cause skin sensitization.

No data is available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
IARC Monographs. Overall Evaluation of Carcinogenicity
2-Butoxyethanol (CAS 111-76-2) 3 Not classifiable as to carcinogenicity to humans.

This product is not expected to cause reproductive or developmental effects.

This product is not likely to be an Aspiration hazard due to the form of the product.

Prolonged inhalation may be harmful. May cause damage to organs through prolonged or repeated exposure.

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ECOLOGICAL INFORMATION

Ecotoxicity: Components of this product are hazardous to aquatic life.

SWIPE (CAS Mixture)

Aquatic

Fish LC50 13176 mg/L, 96 Hours Fish

Component:

2-Butoxyethanol (CAS 111-76-2)

Aquatic

Fish LC50 1250 mg/l, 96 hours Inland silverside (Menidia beryllina)

Polyethylene Glycol Octylphenyl Ether (CAS 9036-19-5)

Aquatic

Fish LC50 7.2 mg/l, 96 hours Rainbow trout,donaldson trout(Oncorhynchus mykiss)

No data is available on the degradability of this product.

Partition coefficient n-octanol / water (log Kow)

2-Butoxyethanol 0.83

Butane 2.89

Propane 2.36

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

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DISPOSAL CONSIDERATIONS

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TRANSPORT INFORMATION

DOT

UN number	UN1950
UN proper shipping name	Aerosols, flammable, (each not exceeding 1 L capacity)
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

IATA

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable
Environmental hazards	No
ERG Code	10L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo	Allowed
Aircraft	
Cargo aircraft only	Allowed
Packaging exceptions	LTD QTY

IMDG

UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable
Environmental hazards	
Marine pollutant	No
EmS	F-D,S-U
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Packaging exceptions	LTD QTY

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Transport in bulk according to AnnexII of MARPOL 73/78 and the IBC Code Not applicable.

15	REGULATORY INFORMATION
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Component (CAS#) [%] - CODES

Regulatory CODE Descriptions

16	OTHER INFORMATION
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We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as carcinogen or potential carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal Data only
N/A = Not available N/D = Not determined