SAFETY DATA SHEET

Issuing Date 28-Oct-2016 **Revision Date** 28-Oct-2016 **Revision Number** 0

This document complies with the US OSHA Hazard Communication Standard (29 CFR 1910.1200), Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR), and Mexico's NMX-R-019-SC-2011.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

GHS product identifier

Product Name **Sudz Off (Detergent Removable) All Colors**

Other means of identification

Part Number Black (44985, 91985), Blue (44938, 91938), Green (44371, 91371), Red (44939, 91939), White (44146, 91146), Yellow (44694, 91694)

Formula Code Z985 (Black), X938 (Blue), Y371 (Green), X939 (Red), Z146 (White), Z694 (Yellow)

UN-Number UN1263

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Solvent based marker

Uses advised against No information available

Supplier's details

Initial Supplier
ITW Permatex Canada
1-35 Brownridge Road
Halton Hills, ON, L7G 0C6
Canada

Supplier Address
ITW PRO BRANDS
805 E. Old 56 Highway
Olathe, KS 66061
TEL: 1-800-443-9536

Emergency telephone number

Emergency Telephone Number 800-535-5053 Infotrac

2. HAZARDS IDENTIFICATION

Classification

This product is considered hazardous according to the criteria set within the US OSHA Hazard Communication Standard (29 CFR 1910.1200), Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR), and Mexico's NMX-R-019-SC-2011.

Acute Oral Toxicity	Category 4

Acute Dermal Toxicity	Category 4
Serious Eye Damage/Eye Irritation	Category 1
Specific Target Organ Systemic Toxicity (Single Exposure)	Category 3
Flammable liquids	Category 3

Label Elements

Danger

Hazard Statements
Harmful if swallowed
Harmful in contact with skin
Causes serious eye damage
May cause drowsiness or dizziness
Flammable liquid and vapor.

Physical and Health Hazards Not Otherwise Classified
Not applicable.

Precautionary Statements

Prevention
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash face, hands and any exposed skin thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Use only outdoors or in a well-ventilated area.
- Keep away from heat/sparks/open flames/hot surfaces - No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/ventilating/lighting/equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Keep cool.

General Advice
- Specific measures (see supplemental first aid instructions on this label)

Eyes
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Immediately call a POISON CENTER or doctor/physician.

Skin
- Call a POISON CENTER or doctor/physician if you feel unwell.
- Wash contaminated clothing before reuse.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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

Ingestion
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- Rinse mouth.

Fire

• In case of fire: Use CO2, dry chemical, or foam for extinction.

Storage
• Store in a well-ventilated place. Keep container tightly closed.
• Store locked up.

Disposal
• Dispose of contents/container to an approved waste disposal plant.

Other information

62.2166% of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Propanol	71-23-8	92.14	-	-
Titanium dioxide	13463-67-7	32.34	-	-
Diacetone alcohol	123-42-2	11.51	-	-
Silicon dioxide	7631-86-9	5	-	-
Aluminum hydroxide	21645-51-2	3.33	-	-

4. FIRST AID MEASURES

Description of necessary first-aid measures

General Advice Immediate medical attention is required. Show this safety data sheet to the doctor in attendance. If symptoms persist, call a physician.

Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Immediate medical attention is required.

Skin Contact Flush with cool water. If skin irritation persists, call a physician.

Inhalation Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

Ingestion Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. Consult a physician if necessary.

Protection of First-aiders Use personal protective equipment. Remove all sources of ignition.

Most important symptoms/effects, acute and delayed

Most Important Symptoms/Effects Serious eye irritation or damage. Drowsiness. Dizziness.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Carbon dioxide (CO_2). Foam. Dry chemical.

Unsuitable Extinguishing Media No information available.

Specific Hazards Arising from the Chemical Flammable. Keep product and empty container away from heat and sources of ignition. Risk of ignition. Vapors may travel to source of ignition and flash back.

Explosion Data

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	Yes.

Protective Equipment and Precautions for Firefighters Wear self contained breathing apparatus for fire fighting if necessary. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Evacuate personnel to safe areas. Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Stop leak if you can do it without risk. Take precautionary measures against static discharges.

Environmental Precautions

Environmental Precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological Information.

Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Small spillage: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Large spillage: Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Avoid contact with skin, eyes and clothing. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Use only in an area containing flame proof equipment. Ensure adequate ventilation. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

Conditions for safe storage, including any incompatibilities

Storage Keep away from open flames, hot surfaces and sources of ignition. Keep containers tightly closed in a cool, well-ventilated place. Keep out of the reach of children. Keep container closed when not in use. Keep away from incompatible materials.

Incompatible Products Strong oxidizing agents. Strong reducing agents. Strong alkalis. Strong acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Propanol 71-23-8	TWA: 100 ppm	TWA: 200 ppm TWA: 500 mg/m³ (vacated) TWA: 200 ppm (vacated) TWA: 500 mg/m³ (vacated) STEL: 250 ppm (vacated) STEL: 625 mg/m³	IDLH: 800 ppm TWA: 200 ppm TWA: 500 mg/m³ STEL: 250 ppm STEL: 625 mg/m³
Titanium dioxide 13463-67-7	TWA: 10 mg/m³	TWA: 15 mg/m³ total dust (vacated) TWA: 10 mg/m³ total	IDLH: 5000 mg/m³

		dust	
Diacetone alcohol 123-42-2	TWA: 50 ppm	TWA: 50 ppm TWA: 240 mg/m³ (vacated) TWA: 50 ppm (vacated) TWA: 240 mg/m³	IDLH: 1800 ppm TWA: 50 ppm TWA: 240 mg/m³
Silicon dioxide 7631-86-9	10 mg/m³	20 mppcf TWA; ((80)/(% SiO2) mg/m³)	IDLH: 3000 mg/m³ TWA: 6 mg/m³
Aluminum hydroxide 21645-51-2	TWA: 1 mg/m³ respirable particulate matter	-	-

Immediately Dangerous to Life or Health. ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH:

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection Goggles. If splashes are likely to occur, wear: Chemical splash goggles.
Skin and Body Protection Chemical resistant gloves. Risk of contact: Boots. Apron.
Respiratory Protection No special protective equipment required. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Hygiene Measures When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Liquid.
Odor Alcohol.
Appearance Varies, Thin viscosity,
Odor Threshold No information available.

Property	Values	Remarks/ - Method
pH	No data available	None known
Melting Point/Range	No data available	None known
Boiling Point/Boiling Range	97.22 °C / 207 °F	None known
Flash Point	25 °C / 77 °F	Tag closed cup
Evaporation rate	1.3 (BuAc = 1)	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
upper flammability limit	13.7	
lower flammability limit	2.1	
Vapor Pressure	No data available	None known
Vapor Density	> 1 (air = 1)	None known
Specific Gravity	No data available	None known
Water Solubility	70-80%	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	No data available	None known

Flammable Properties Flammable liquid. Flammable; may be ignited by heat, sparks or flames.

Explosive Properties No data available
Oxidizing Properties No data available

Other information

VOC Content (%)
Z985 Black: 88%
X939 Red: 92.12%
X938 Blue: 89.65%
Z146 White: 49.16%
Y371 Green: 91.25%
Z694 Yellow: 49.22%

VOC (g/l)
Z985 Black: 791 g/L
X939 Red: 771 g/L
X938 Blue: 737 g/L
Z146 White: 564 g/L
Y371 Green: 750 g/L
Z694 Yellow: 568 g/L

10. STABILITY AND REACTIVITY

Reactivity No data available.

Chemical stability Stable under recommended storage conditions.

Possibility of hazardous reactions None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to avoid Heat, flames and sparks. Incompatible products.

Incompatible materials Strong oxidizing agents. Strong reducing agents. Strong alkalis. Strong acids.

Hazardous decomposition products Carbon oxides. Smoke Soot.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation May cause drowsiness and dizziness. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal

Eye Contact Causes serious eye damage.

Skin Contact Harmful in contact with skin.

Ingestion Harmful if swallowed.

Numerical measures of toxicity - Product

Unknown acute toxicity 62.2166% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document:

LD50 Oral 725 mg/kg; Acute toxicity estimate

LD50 Dermal 1600 mg/kg; Acute toxicity estimate mg/L

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Propanol	= 1870 mg/kg (Rat)	= 4049 mg/kg (Rabbit)	> 13548 ppm (Rat) 4 h
Titanium dioxide	> 10000 mg/kg (Rat)	-	-
Diacetone alcohol	> 4 g/kg (Rat)	= 13630 mg/kg (Rabbit) = 13500 mg/kg (Rabbit)	> 7.23 g/m³ (Rat) 8 h
Silicon dioxide	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	>2.2 mg/L (Rat) 4 h
Aluminum hydroxide	> 5000 mg/kg (Rat)	-	-

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Delayed and immediate effects and also chronic effects from short and long term exposure

Respiratory or Skin Sensitization No information available.
Germ Cell Mutagenicity No information available.
Carcinogenicity This product contains titanium dioxide which is classified as an IARC 2B carcinogen based on laboratory studies where animals were exposed to titanium dioxide dust. This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product.

Chemical Name	ACGIH	IARC	NTP	OSHA
Titanium dioxide		Group 2B	-	-
Silicon dioxide		Group 3		

IARC: (International Agency for Research on Cancer)
Group 2B - Possibly Carcinogenic to Humans
Group 3 - Not Classifiable as to its Carcinogenicity to Humans

Reproductive Toxicity No information available.
STOT - single exposure May cause drowsiness and dizziness
STOT - repeated exposure No information available.
Chronic Toxicity Avoid repeated exposure. May cause adverse liver effects. May cause adverse effects on the bone marrow and blood-forming system.
Target Organ Effects Liver. Kidney. Respiratory system. Eyes. Skin. Central nervous system (CNS). Blood. Gastrointestinal tract (GI). Lungs.
Aspiration Hazard No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Propanol 71-23-8		LC50 96 h: = 4480 mg/L flow-through (Pimephales promelas)	EC50 = 17700 mg/L 5 min EC50 = 45000 mg/L 5 h EC50 = 8686 mg/L 15 min EC50 = 980 mg/L 12 h	EC50 48 h: 3339 - 3977 mg/L Static (Daphnia magna) EC50 48 h: = 3642 mg/L (Daphnia magna)
Diacetone alcohol 123-42-2		LC50 96 h: = 420 mg/L (Lepomis macrochirus) LC50 96 h: = 420 mg/L static (Lepomis macrochirus)		EC50 24 h: = 8750 mg/L (Daphnia magna)
Silicon dioxide 7631-86-9	EC50 72 h: = 440 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h: = 5000 mg/L static (Brachydanio rerio)		EC50 48 h: = 7600 mg/L (Ceriodaphnia dubia)

Persistence and Degradability No information available.

Bioaccumulation

Chemical Name	Log Pow
Propanol	0.34
Diacetone alcohol	1.03

Mobility No information available.

Other Adverse Effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods Dispose of in accordance with local/regional/national regulations.

Contaminated Packaging Do not re-use empty containers.

US EPA Waste Number D001
U239

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Propanol	Toxic Ignitable

14. TRANSPORT INFORMATION

DOT

UN-Number	UN1263
Proper shipping name	Paint
Hazard Class	3
Packing Group	III
Description	UN1263, Paint, 3, III
Emergency Response Guide Number	128

TDG

UN-Number	UN1263
Proper Shipping Name	Paint
Hazard Class	3
Packing Group	III
Description	UN1263, Paint, 3, III

MEX

UN-Number	UN1263
Proper Shipping Name	Paint
Hazard Class	3
Packing Group	III
Description	UN1263, Paint, 3, III

IATA

UN-Number	UN1263
Proper Shipping Name	Paint
Hazard Class	3
Packing Group	III
ERG Code	3L
Description	UN1263, Paint, 3, III

IMDG/IMO

UN-Number	UN1263
Proper Shipping Name	Paint
Hazard Class	3
Packing Group	III
EmS No.	F-E, S-E
Description	UN1263, Paint, 3, III, (25°C c.c.)

15. REGULATORY INFORMATION

International Regulations

Ozone depleting substances	Not applicable
Persistent Organic Pollutants	Not applicable
Hazardous Waste	Not applicable
The Rotterdam Convention (Prior Informed Consent)	Not applicable
International Convention for the Prevention of Pollution from Ships (MARPOL)	Not applicable

International Inventories

TSCA	Complies

DSL Complies

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65
This product contains the following Proposition 65 chemicals:

Chemical Name	CAS-No	California Prop. 65
Titanium dioxide	13463-67-7	Carcinogen
Quartz	14808-60-7	Carcinogen

U.S. State Right-to-Know Regulations

"X" designates that the ingredients are listed on the state right to know list.

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Propanol	X	X	X		X
Titanium dioxide	X	X	X		X
Diacetone alcohol	X	X	X		X
Silicon dioxide	X	X	X		
Xanthylium,9-(2-carboxyphenyl)-3,6-bis(diethyl amino)-, hydrogenbis[3-[(4,5-dihydro-3-methyl-5...	X		X	X	

U.S. EPA Label Information
EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

NFPA	**Health Hazard** 3	**Flammability** 3	**Instability** 0	**Physical and Chemical Hazards** -
HMIS	**Health Hazard** 3	**Flammability** 3	**Physical Hazard** 0	**Personal Protection** X

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Product Stewardship
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	1-800-572-6501
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General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet