



SAFETY DATA SHEET

Issuing Date 16-Sep-2014

Revision Date 16-Sep-2014

Revision Number 0

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

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 chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

Acute Oral Toxicity	Category 4
Acute Dermal Toxicity	Category 4
Serious Eye Damage/Eye Irritation	Category 1
Carcinogenicity	Category 2
Specific Target Organ Systemic Toxicity (Single Exposure)	Category 3
Flammable liquids	Category 3

GHS Label elements, including precautionary statements**Emergency Overview**

<p>Signal Word Danger</p> <p>Hazard Statements</p> <ul style="list-style-type: none"> • Harmful if swallowed • Harmful in contact with skin • Causes serious eye damage • Suspected of causing cancer • May cause drowsiness or dizziness • • Flammable liquid and vapor. 	
<p>Appearance Varies, Thin viscosity,</p>	<p>Physical State Liquid. Odor Alcohol</p>

Precautionary Statements**Prevention**

- Wash face, hands and any exposed skin thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Use personal protective equipment as required.
- Wear eye/face protection.
- 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)
- If exposed or concerned: Get medical attention/advice

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.

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

Disposal

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

Hazard Not Otherwise Classified (HNOC)

Not applicable

Other information

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade secret
Propanol	71-23-8	60-100	*
Titanium dioxide	13463-67-7	15-40	*
Diacetone alcohol	123-42-2	7-13	*
Silicon dioxide	7631-86-9	3 -7	*
Xanthylium,9-(2-carboxyphenyl)-3,6-bis(diethyl amino)-, hydrogenbis[3-[(4,5-dihydro-3-methyl-5...	84962-27-6	1-5	*
Aluminum hydroxide	21645-51-2	1-5	*

**The exact percentage (concentration) of composition has been withheld as a trade secret.*

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 No information available.

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 (CO₂). 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

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.

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.

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.

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
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Propanol 71-23-8	TWA: 100 ppm	TWA: 200 ppm TWA: 500 mg/m ³ (vacated) TWA: 200 ppm (vacated) TWA: 500 mg/m ³ (vacated) STEL: 250 ppm (vacated) STEL: 625 mg/m ³	IDLH: 800 ppm TWA: 200 ppm TWA: 500 mg/m ³ STEL: 250 ppm STEL: 625 mg/m ³
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust	IDLH: 5000 mg/m ³
Diacetone alcohol 123-42-2	TWA: 50 ppm	TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 50 ppm (vacated) TWA: 240 mg/m ³	IDLH: 1800 ppm TWA: 50 ppm TWA: 240 mg/m ³
Silicon dioxide 7631-86-9	10 mg/m ³	20 mppcf TWA; ((80)/(%) SiO ₂) mg/m ³)	IDLH: 3000 mg/m ³ TWA: 6 mg/m ³
Aluminum hydroxide 21645-51-2	TWA: 1 mg/m ³ respirable fraction	-	-

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 Safety glasses with side-shields. 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	Appearance	Varies Thin viscosity,
Odor	Alcohol	Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
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	No data available 13.7	
lower flammability limit	No data available 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. Causes serious eye irritation.

Skin Contact

Harmful in contact with skin.

Ingestion

Harmful if swallowed.

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)	= 13500 mg/kg (Rabbit)	-
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

Sensitization No information available.

Mutagenic Effects 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.

Chemical Name	ACGIH	IARC	NTP	OSHA
Titanium dioxide		Group 2B	-	-
Silicon dioxide		Group 3		
Xanthylum,9-(2-carboxyphe nyl)-3,6-bis(diethyl amino)-, hydrogenbis[3-[(4,5-dihydro- 3-methyl-5...		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 No information available.

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.

Numerical measures of toxicity - Product

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

12. ECOLOGICAL INFORMATION

This product contains a chemical which is listed as a severe marine pollutant according to DOT.

Ecotoxicity

Very toxic to aquatic life with long lasting effects.

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: = 3642 mg/L (Daphnia magna) EC50 48 h: 3339 - 3977 mg/L Static (Daphnia magna)
Diacetone alcohol 123-42-2		LC50 96 h: = 420 mg/L static (Lepomis macrochirus) LC50 96 h: = 420 mg/L (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	0.25 - 0.34
Diacetone alcohol	1.03

Other Adverse Effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods	Dispose of in accordance with federal, state, and local 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
Marine Pollutant	This product contains a chemical which is listed as a severe marine pollutant according to DOT.
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

ICAO

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.)

RID

UN-Number UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group III
Classification Code F1
Description UN1263, Paint, 3, III

ADR

UN-Number UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group III
Classification Code F1
Tunnel Restriction Code (D/E)
Description UN1263, Paint, 3, III, (D/E)

ADN

Proper Shipping Name Paint
Hazard Class 3
Packing Group III
Classification Code F1
Special Provisions 163, 640E, 650
Description UN1263, Paint, 3, III
Limited Quantity 5 L
Ventilation VE01

15. REGULATORY INFORMATION

International Inventories**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	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Xanthylum,9-(2-carboxyphe nyl)-3,6-bis(diethyl amino)-, hydrogenbis[3-[(4,5-dihydro- 3-methyl-5...		X		

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
Diacetone alcohol	X	X	X		X
Silicon dioxide	X	X	X		
Xanthylum,9-(2-carboxyphe nyl)-3,6-bis(diethyl amino)-, hydrogenbis[3-[(4,5-dihydro- 3-methyl-5...			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

*Indicates a chronic health hazard.

Prepared By Product Stewardship
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Latham, NY 12110
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