

**SAFETY DATA SHEET**

PRODUCT:

DISH WASHING POWER DETERGENT**SECTION I.- IDENTIFICATION**

Manufacturer:	Detergentes y Jabones Sasil, S.A.P.I. de C. V. Ave. República Mexicana No. 101, Sector Industrial Nogalar, San Nicolás de los Garza, N.L. México. C.P. 66484		
Emergency numbers:	Tel:- 01 (81) 83-05-03-00		
Product name:	DISH WASHING DETERGENT TRAZ LEMON		
Chemical name:	NA	CAS Number	NA
Trade name and / or Synonym:	DISH WASHING DETERGENT		
Application:	for frets.		
Use Restrictions:	Product intended for domestic cleaning.		

SECTION II.- HAZARDS IDENTIFICATION

Classification:	Acute Toxicity – Oral Cat. 4 Eye Irritation Cat. 2B
Pictograms:	
Precautions:	Do not ingest it. Avoid contact with skin, eyes and clothes. Wash your hands thoroughly after handling. Keep out of the reach from children. Keep packages closed when they are not in use. Store in a cool and dry area. Repeated or prolonged contact may cause skin irritation or sensitization.
Recommendation:	<u>EYE Contact</u> : Keep the eye open and rinse slowly and gently with water for 15-20 minutes. <u>On SKIN</u> : Remove contaminated clothes. Rinse the skin with plenty of water for 15-20 minutes. In case of <u>INGESTION</u> : Obtain medical attention. Do not induce vomiting. Drink large amounts of water.

SECTION III.- COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients	Concentration	CAS Number
Anionic surfactants	15.0 --20.0 %	27176-87-0

SECTION IV.- FIRST-AID MEASURES

Ingestion	Drink plenty of water. Do not induce vomit. Get medical attention immediately. Apply other support measures as indicated by the patient's clinical condition.
Inhalation	Be removed from the very dusty area, be kept at rest until recovery.
Skin	Wash affected area with plenty of water Get medical attention if the irritation develops or persists.
Eyes	Remove contact lenses if necessary. Wash with plenty of water for at least 15 minutes. Get medical attention if irritation persists
Most important symptoms and effects	Abdominal pain. Redness of eyes and / or skin.
Indications for medical attention:	Deal with the symptoms.

SECTION V.- FIRE MEASURES			
Flash point:	NA	Test method:	--
Flammability:	ND	Explosive limits in air:	No danger
Means of Extinction:			
Water sprayer	<input checked="" type="checkbox"/>	CO ₂	<input checked="" type="checkbox"/>
		Foam	<input checked="" type="checkbox"/>
		Other	<input type="checkbox"/>
Unusual fire and explosion hazards:	NA		
Special protective equipment:	Wear protective clothes that withstand fires involving chemicals, use a self-contained breathing apparatus approved by NIOSH.		
Special procedures against fires:	It is "little flammable" if there is a fire, be careful to extinguish it completely, since there may be material on hard to locate.		
Conditions to avoid:	Heat, sparks, open flames and other sources of ignition.		
Hazardous combustion products:	It will release suffocating gases and vapors (carbon monoxide and carbon dioxide).		

SECTION VI.- MEASURES IN CASE OF SPILLS / ACCIDENTAL RELEASES	
Personal precautions:	Minimize dust levels while collecting the product Prevent dust exposure with NIOSH approved respirators with HEPA filters. Minimize prolonged contact with the skin by wearing gloves.
Personal protection equipment:	
Latex Gloves	<input checked="" type="checkbox"/>
Goggles	<input checked="" type="checkbox"/>
Boots	<input checked="" type="checkbox"/>
Other	<input checked="" type="checkbox"/>
	Masks
Emergency procedure:	<p><u>Large spills:</u> Use protective equipment, eliminate sources of ignition, sweep material and minimize generation of dust, collect in closed containers and dispose of in accordance with local regulations.</p> <p><u>Small spills:</u> Wash the area with plenty of water and dispose of the material in accordance with all federal regulations. Avoid heat, sparks, open flames and other sources of ignition. Avoid contact with skin, eyes and clothing.</p>
Methods and materials for containment and cleaning:	Clean small spills (household) with a damp cloth. Wash down to an acceptable sanitary sewer and drive to treatment facility. Dispose of in accordance with all local, state and federal regulations.

SECTION VII.- HANDLING AND STORAGE	
Precautions for safe handling:	Use with adequate ventilation. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using the product. Avoid breathing dust.
Storage recommendations:	Keep out of the reach of children. Keep packages closed when not in use. Store in a well ventilated, cool and dry area. Keep away from heat, sparks or open flame.

SECTION VIII.- EXPOSURE CONTROL / PERSONAL PROTECTION			
Exposure limits:			
Hazardous Ingredients	CAS Number	ACGIH TLV	OSHA PEL/NIOSH REL
Anionic surfactants	27176-87-0	ND	ND
Appropriate engineering controls:	Eye and hand washers. Ventilate the area correctly.		
Manufacturing practices:	Follow good manufacturing practices for cleaning and personal hygiene. Do not eat, drink or smoke during work. Wash exposed skin immediately after chemical contact and before breaks and meals, and at the end of each work period. Contaminated clothing and shoes should be thoroughly cleaned before reuse		

SECTION IX.- PHYSICAL AND CHEMICAL PROPERTIES

Appearance and smell:	Powder white color, with citric aroma		
pH:	10.0 a 11.0	Molecular weight:	ND
Melting / freezing point:	ND	Flashpoint:	NA
Boiling point:	NA	Volatility percentage:	NA
Evaporation rate:	NA	Flash point:	NA
Upper flammability limit:	NA	Lower flammability limit:	NA
Vapor pressure:	NA	Vapor density:	NA
Relative density:	0.34 a 0.50 kg/l (apparent)	Solubility:	Total (in water)
Autoignition temperature:	NA	Decomposition temperature:	ND
Partition coefficient n-octanol / water	NA	Viscosity:	NA

SECTION X.- STABILITY AND REACTIVITY

Reactivity:	It can react with bases and oxidants to produce sulfur oxides.
Chemical stability:	Stable.
Possibility of dangerous reactions:	Not under normal handling of the product.
Conditions to be avoided:	ND
Incompatibility:	With alkalis and strong oxidants
Hazardous Decomposition Products:	Carbon dioxide and carbon monoxide can be produced. Irritating sulfur compounds can also be produced.
Hazardous polymerization:	Does not occur

SECTION XI.- TOXICOLOGICAL INFORMACION

Contact via	Acute	Chronic
<i>Ingestion:</i>	May cause irritation of the intestinal mucosa	It can cause nausea, vomiting, diarrhea.
<i>Inhalation:</i>	It can cause sneezing, coughing, irritation of the mucosa.	NA
<i>Skin:</i>	It can cause irritation and sensitivity.	Repeated and / or prolonged contact may cause an allergic reaction.
<i>Eyes:</i>	Causes irritation	NA
Symptoms:	Abdominal pain. Redness of eyes and / or skin.	

Chronic effects of short and long term exposure:
 Carcinogenic Mutagenic Teratogenic Others

Chronic effects of short and long term exposure:
 NTP (Carcinogenic) _____ Not listed _____ IARC _____ Not listed _____ OSHA _____ Not listed _____ Others _____

Additional information:

Chemical name	LD50 (medium lethal dose) Oral	Animal species
Anionic surfactants	ND	ND

SECTION XII.- ECOTOXICOLOGICAL INFORMATION

Ecotoxicity:	It is a phosphate-free product.
Persistence and degradability:	The product is easily biodegradable.
Bioaccumulation potential:	ND
Mobility in the soil:	ND
Other adverse effects:	ND

SECTION XIII.- INFORMATION FOR THE CORRECT DISPOSAL OF PRODUCT

Product disposal:	Place the material in sealed containers and dispose of it in accordance with all local, state and federal regulations.
Contaminated packaging:	Do not reuse empty containers.

SECTION XIV-TRANSPORTATION INFORMATION

UN No.:	Not regulated
Official designation of transportation by the United Nations:	Not regulated
Hazard class:	ND
Packing groups:	ND
Environmental risk:	ND
Particular precautions for the user:	Do not transport along with food, seeds and fodder.
Transport in bulk according to Annex II of Convention Marpol 73/78 and of the IBC Code (IBC in English)	ND

SECTION XV.- REGULATORY INFORMATION

ND

SECTION XVI.- OTHER INFORMATION

HMIS Classification (USA)		HMIS Letter	Required Equipment
Health	1	A	Safety glasses.
Inflammability	1	B	Safety glasses, gloves.
Physical danger	0	C	Safety glasses, gloves, protective apron.
Personal protection	E	D	Face shield, gloves, protective apron.
		E	Safety glasses, gloves, dust respirator.
Symbology		F	Safety glasses, gloves, protective apron, dust respirator.
		G	Safety glasses, gloves, vapor respirator.
NA:	Not applicable	H	Splash glasses, gloves, protective apron, vapor respirator.
ND:	Not determined	I	Safety glasses, gloves, dust respirator, vapor respirator.
		J	Safety glasses, gloves, protective apron, dust respirator, vapor respirator.
		K	Air line mask or hood, gloves, full suit, boots.

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The information is considered correct, but is not exhaustive and will be used only as guidance, which is based on current knowledge of the chemical or mixture and is applicable to the appropriate safety precautions for the product.