

SECTION 1 – PRODUCT IDENTIFICATION

Product Name: Sklar Enzymatic™
Recommended Use: Enzymatic cleaner.
Restrictions for Use: Use only as directed.
Manufactured for: Sklar Instruments
 889 South Matlack Street,
 West Chester, PA USA, 19382
 800.221.2166
Emergency 24 Hour Phone Number Chemtrec: 800.424.9300

SECTION 2 – HAZARD(S) IDENTIFICATION

Classification

Hazard Class	Category
Respiratory Sensitization	1



DANGER

Ratings	NPFA	HMIS
Health	1	1
Fire	0	0
Reactivity	0	0
PPE		B

Hazard: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precaution: Keep out of reach of children. Read label before use. Do not breathe {dust/fume/gas/mist/vapors/spray}. Do not get in eyes, on skin, or on clothing. Wear rubber gloves, chemical goggles, face shield and rubber apron. Wash hands thoroughly after handling

Response:
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes. Get immediate medical advice/attention.
 IF ON SKIN: Take off contaminated clothing and wash before reuse. Wash with plenty of water for 15 minutes. If skin irritation occurs: Get medical advice/attention.
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get immediate medical advice/attention.
 IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get immediate medical advice/attention
 Medical and Transportation Emergencies contact Chemtrec 800.424.9300

Storage and Disposal: Store locked up. Dispose of contents/container in accordance to local, state and federal regulations.

Potential Health Effects (Acute and Chronic): No data available.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

CAS#	Hazardous Components	% wt
9014-01-1	Protease, Type VIII, from bacillus licheniformis	<1.0%

SECTION 4 – FIRST AID MEASURES

In Case of Inhalation:	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/attention.
In Case of Skin Contact:	Wash thoroughly with fresh, tepid water for 15 minutes. Discard contaminated clothing and footwear or wash before reuse. If skin irritation occurs: Get medical advice/attention.
In Case of Eye Contact:	Immediately flush eyes with large amounts of fresh, tepid water for at least 15 minutes. Hold eyelids open to ensure complete irrigation of eye and lid tissues. Tilt head to the side and irrigate the eye from the bridge of the nose to the outside of the face. Keep run-off from entering the other eye, mouth or ear. Washing eye within the first few seconds is essential to achieve maximum effectiveness. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
In Case of Ingestion:	Do not induce vomiting. Rinse mouth with fresh, tepid water, then immediately drink 4-8 oz. of milk or water. Never give anything by mouth to an unconscious person. If vomiting occurs, keep airways open. Keep head lower than hips to prevent aspiration into the lungs. Get medical advice/attention.

SECTION 5 – FIRE FIGHTING MEASURES

Flash Pt:	No data.
Explosive Limits:	LEL: No data. UEL: No data
Auto Ignition Pt:	No data.
Suitable Extinguishing Media:	Dry chemical, CO ₂ , sand, earth, water spray or regular foam.
Fire Fighting Instructions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Flammable Properties and Hazards:	No data available.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures:	Rubber or neoprene gloves, safety glasses. Wear chemical protective clothing. Do not get in eyes, on skin or on clothing. Wash hands thoroughly after handling. Provide mechanical ventilation to disperse or ventilate the area with fresh air. NIOSH/MSHA approved respirator.
Steps to Be Taken in Case Material is Released or Spilled:	Absorb spill with inert material (e.g. dry sand or earth), and dispose of in accordance with applicable regulations.

SECTION 7 – HANDLING & STORAGE

Precautions to Be Taken in Handling:	For industrial or institutional use only. Avoid contact with eyes and prolonged or repeated skin contact. Avoid breathing (dust, vapor, mist, gas).
Precautions to Be Taken in Storing:	Keep container closed when not in use. Keep from freezing. Store away from incompatible material.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS#	Hazardous Components: (Chemical Name)	OSHA TWA	ACGIH TWA	Other Limits
9014-01-1	Protease, Type VIII, from bacillus licheniformis	No	CEIL: 0.00006 mg/m ³	Yes

Respiratory Equipment:	A respirator is not needed under normal and intended conditions of product use.
Eye Protection:	Safety Glasses
Protective Gloves:	Rubber or neoprene gloves.
Other Protective Clothing:	Wear chemical protective clothing.
Engineering Controls (Ventilation etc.):	Handle in accordance with good industrial hygiene and safety practice in a well ventilated area. Wash hands before breaks and at the end of the workday.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Physical State: Liquid	Explosive Limits: LEL: No data. UEL: No data.
Appearance and Odor: Appearance: Light Yellow Liquid Odor: Pleasant Scent	Vapor Pressure (vs. Air or Mm Hg): No data
pH: 6.0 – 7.5	Vapor Density (vs. Air=1): No data.
Melting Point: No data.	Specific Gravity (Water=1): 1.035 – 1.045
Boiling Point: 102.00 C	Solubility in water: 100
Flash Point: Not data.	Percent Volatile: N.D.
Evaporation Rate: No data.	Auto ignition Point: No data.
Flammability (solid, gas): No data available.	Viscosity: <100cps.

SECTION 10 – STABILITY & REACTIVITY

Stability:	Product is stable.
Conditions to Avoid:	Avoid handling conditions which may allow for leaks and spills of this material. Do not permit personnel to handle this product without proper training and/or protective equipment.
Incompatible-Materials to Avoid:	Avoid contact with strong acids, bleach bases or other.
Hazardous Decomposition Products:	No Data Available
Hazardous Reactions:	Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity Information:	Inhalation, Eye contact, Skin Contact, Ingestion
Irritation or Corrosion:	Eyes: Causes serious eye irritation. Skin: May cause skin irritation. Ingestion: No known effects. Inhalation: May cause nose, throat and lung irritation
Symptoms Related to Toxicological Characteristics:	Eyes: Redness, pain, irritation. Skin: Redness, pain, irritation. Ingestion: No symptoms known. Inhalation: Respiratory irritation, cough.
Chronic Toxicological Effects:	No known chronic toxicological effects.
Carcinogenicity:	NTP? No IARC Monographs? No OSHA Regulated? No

SECTION 12 – ECOLOGICAL INFORMATION

This product has no known ecotoxicological effects.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance to local, state and federal regulations.

SECTION 14 – TRANSPORT INFORMATION

Land Transport (US.DOT):
DOT Proper Shipping Name: Compound Cleaner, Not Regulated
DOT Hazard Class:
UN/NA Number:
Air Transport (ICAO/IATA):
ICAO/IATA Shipping Name: Not Regulated

SECTION 15 – REGULATORY INFORMATION

CAS#	Hazardous Components: (Chemical Name)	S. 302 (EHS)	S. 304 (RQ)	S. 313 (TRI)
9014-01-1	Protease, Type VIII, from bacillus licheniformis	No	No	No

SECTION 16 – OTHER INFORMATION

Revisions Date: 11-14-2016

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

End of Safety Data Sheet