

Material Safety Data Sheet

Section 1							PRODUCT AND COMPANY IDENTIFICATION						
Section 1	Product Name: Shin Extra				Distributor: ENC Nationwide Sdn Bhd								
	Description: Laundry Emulsifier				Address: B-G-03, Jalan Bangau 11, Bandar Puchong Jaya, off Jalan Puchong, 47170 Puching Selangor								
	Date of MSDS: 18-June-08				Tel : 603-8075 5222								
Section 2							INGREDIENTS INFORMATION						
Section 2	Chemical Name/Common Name	%	TLV	Chemical Name/Common Name	%	TLV							
	Non-Hazardous Ingredients	100%		None									
Section 3							HAZARDS IDENTIFICATION						
Section 3	Emergency Overview :			Ingestion may cause nausea, vomiting, pain, upset stomach, diarrhea. May cause mild eye irritation. Do not swallow. See sections 3,5 and 6.									
	Primary Routes of Exposure :			Skin and eye									
	Eye Contact :			May cause irritation.									
	Skin Contact :			Accidental contact may cause irritation.									
	Inhalation :			Exposure is unlikely.									
	Ingestion :			Exposure is unlikely. May cause nausea, vomiting, pain, and stomach upset.									
	Target Organs/Chronic Effects :			None known.									
Conditions Aggravated By Exposure :			Exposure to this product is not expected to contribute, worsen or aggravate any pre-existing medical conditions.										
Section 4							FIRST AID MEASURES						
Section 4	Eye Contact :			Flush with cool water for at least 15 minutes. Then consult a physician immediately.									
	Skin :			Wash with large amounts of soap and water. If irritation persists, consult a physician.									
	Ingestion:			Do not induce vomiting. Dilute by drinking water. Call a physician immediately.									
	Inhalation:			Move to area of fresh air. If breathing has stopped, artificial respiration should be started; oxygen may be administered if available. Call a physician. Never give anything by mouth to an unconscious person.									
	Notes to Physicians:			Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.									
Section 5							FIRE FIGHTING METHODS						
Section 5	Flash Point (T.C.C.):			None to Boiling		Flammable Limits - Upper: NA Lower: NA							
	Extinguishing Media:			Water, sand and universal type Foam.									
	Special Fire Fighting Procedure :			Fire fighters may be exposed to the products of combustion should wear a self-contained breathing apparatus with full protective equipment.									
	Unusual Fire/Explosion Hazards:			Fire risk if in contact with organic material, e.g. fuel									
	Hazardous Decomposition Products:			Burning can produce carbon dioxide and/or carbon monoxide.									
Section 6							ACCIDENTAL RELEASE MEASURES						
Section 6	Evacuation:			No special procedures are usually necessary.									
	Containment:			Stop spill at source. Contain material, as necessary, with dike or barrier. Mop, shovel or absorb with inert material and place in sound containers. Rinse remaining residue with excess water.									
	Collection And Disposal:			Prevent run off, if safe to do so. Use proper protective equipment. Cover spills with absorbent clay, sawdust or inert material and place in closed chemical waste containers. Dispose of according to applicable local, state and federal regulation.									
Section 7							HANDLING AND STORAGE						
Section 7	Storage Conditions :			Close container to prevent contamination, store at cool and dry area.									
	Transfer:			No special precautions are needed. Follow good manufacturing and handling practices.									
	Personal Hygiene:			Wash thoroughly with water after handling, especially before eating and drinking.									
	Empty Container Precautions:			Do not re-use empty container for food, clothing or products of human or animal consumption or where skin contact can occur.									

Material Safety Data Sheet

Section 8	EXPOSURE CONTROLS AND PERSONAL PROTECTION	
	Exposure Guidelines:	
	ACGIH - TLV:	Provide suitable personal protective equipment and/or ventilation to maintain exposure
	Engineering Controls/Ventilation:	Prefer to work at ventilation area.
	Respiratory Protection :	Normally not required
	Eye Protection:	Normally not required. Safety glasses / goggles can be worn if splashing is possible
	Hand Protection:	Not required.
	Other Protective Clothing:	Normal work clothing covering arms and legs if splashing anticipated.
Section 9	PHYSICAL AND CHEMICAL PROPERTIES	
	Appearance & Odour:	White and thick transparent liquid
	Density	900 +/- 20 g / cm ³
	PH:	8.5 +/- 0.2
	Solubility in water:	Complete.
	Vapour Pressure:	Not Determined
	Boiling Point:	100 ^o C
	Vapour Density:	Not Determined
Section 10	STABILITY AND REACTIVITY	
	Chemical Stability:	Stable under normal conditions of use.
	Hazardous Polymerization:	Will not occur.
	Conditions to Avoid:	Not applicable.
	Incompatibility With Other Materials:	Reducing agents, organic material
Section 11	TOXICITY INFORMATION	
	Components:	This product contain surfactant may mild irritating to some individual.
	Toxicity:	Oral LD 50 (rat) : > 4500 mg/kg
Section 12	ECOLOGICAL INFORMATION	
	Environmental Fate and Distribution:	It is soluble in water and does not bio-accumulate.
	Persistence and Degradation:	Product degrades readily by action of microorganism.
Section 13	DISPOSAL CONSIDERATIONS	
	Disposal:	Dispose off in an approved waste facility according to local regulations.
	General Recommendations:	Of the methods of disposal currently available, it is recommended that an alternative be selected according to the following order of preference, based upon environmental acceptability: (1) Re-cycle or rework, if feasible (2) Incinerate at an authorized facility (3) treat at an acceptable waste treatment facility.
Section 14	TRANSPORT INFORMATION	
	This material is non-regulated and no special requirement is necessary.	
Section 15	REGULATORY INFORMATION	
	Classification:	This product has not been allocated any classification.
	Ozone Depleting Chemicals:	No regulated ingredients.
Section 16	OTHER INFORMATION	
	Hazard Rating : HMIS HEALTH : 1	FLAMMABILITY : 0 REACTIVITY : 0

Note : MSDS is correct at data of publication. It is not necessarily fully adequate for every circumstance, nor to be confused with or followed in violation of applicable laws or insurance requirements. Health hazards and effects of over - exposure apply only to negligent handling or misuse of product in its concentrated form (as supplied) ; and not routine exposure to diluted product under normal use. No warranty, express or implied, of merchantability, fitness or accuracy of data is made; as such the vendor assumes no responsibility for injury or damages resulting from use of this product.