

Material Safety Data Sheet This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

		Not controlled under WHMIS (Canada).	Not controlled under the HCS (Unit States).		ed under the HCS (United
WHMIS (Pictogra	ms)	WHMIS (Classification)	HCS		HCS
Section 1. Che	emica	Product and Company Identification			
Product Name/ Trade name		uckle Under Heavy Duty Hand aner with Soy	Code		760
Synonym		Cleaner	CAS#		Mixture.
Chemical Family	N/A		Validatio	n Date	3/9/2005
Chemical Formula			Print Dat	e	3/9/2005
Manufacturer/ Supplier	1001 Toled	Corporation Brown Avenue o, Oh 43607 241-2156	In Case of Emergency	Che	emtrec (800) 424-9300
TSCA	TSCA I	Inventory: All components listed or are exempt from listing.			
DSL/ NDSL	All con	nponents listed unless noted elsewhere on this MSDS		Pro	tective Clothing

Section 2. Composition and Information on Ingredients				
Name	CAS#	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
Low Odor Base Solvent	64742-47-8	10 - 15	TWA: 100 ppm OSHA (United States). TWA: 100 ppm	Not available.
Sodium Laureth Sulfate	68585-34-2	1 - 5	Not available.	Not available.
Cocamidopropyl Betaine	61789-40-0	1 - 5	Not available.	Not available.
Ammonyx LO	1643-20-5	1 - 5	Not available.	Not available.
Polyglycoside Surfactant	110615-47-9	1 - 5	Not available.	Not available.

Section 3. Hazards Identification		
Potential Acute Health Effects	This product is an eye irritant. Harmful if swallowed.	
Potential Chronic Health Effects	Repeated skin exposure can produce local skin destruction, or dermatitis.	
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.	

Section 4. First Aid Measures		
Eye Contact	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open.	
Skin Contact	NO KNOWN EFFECT.	
Inhalation	No specific data.	
Ingestion	Call a poison control center immediately for treatment advice. Do not induce vomiting.	

Section 5. Fire Fighting Measures		
Products of Combustion	Not available.	
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.	
Special Remarks on Fire Hazards	Not available.	
Special Remarks on Explosion Hazards	Not available.	

Section 6. Accidental Release Measures		
Small Spill and Leak	Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.	
Large Spill and Leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal.	
Personal Protection in Case of a Large Spill	Gloves. Safety glasses.	

Section 7. Handling and Storage		
Precautions	Avoid contact with eyes	
Incompatibility	Reactive with oxidizing agents, reducing agents.	
Storage	Keep container dry. Keep out of the reach of children. Not for use or storage in or around the home.	

Section 8. Exposure Controls/Personal Protection		
Engineering Controls	Good general ventilation should be sufficient to control airborne levels.	
Personal Protection Eyes	No special recommendations.	
Body	No special recommendations.	
Respiratory	No special recommendations.	
Hands	No special recommendations.	
Protective Clothing (Pictograms)		
	Low Odor Base Solvent TWA: 100 (ppm) TWA: 100 (ppm) from OSHA (PEL) [United States]	
	Consult local authorities for acceptable exposure limits.	

Section 9. Physical and Chemical Properties				
Physical State and Appearance	Liquid.	Odor	Fresh	
Molecular Weight	Not applicable.	Taste	Not available.	
pН	6.5 to 9 [Basic.]	Color	White.	
Boiling/Condensation Point	101.11°C (214°F)			

Melting/Freezing Point	Not available.
Critical Temperature	Not available.
Instability Temperature	Not available.
Specific Gravity	0.92 (Water = 1)
Vapor Pressure	Not available.
Vapor Density	Not available.
Volatility	Not available.
VOC	Not available.
Evaporation Rate	<1
Dispersion Properties	See solubility in water.
Solubility	Easily soluble in cold water, hot water.
The Product is:	May be combustible at high temperature.
Auto-ignition Temperature	Not available.
Flash Points	CLOSED CUP: >93.333°C (200°F).
Flammable Limits	Not available.
Fire Hazards in Presence of Various Substances	Not available.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

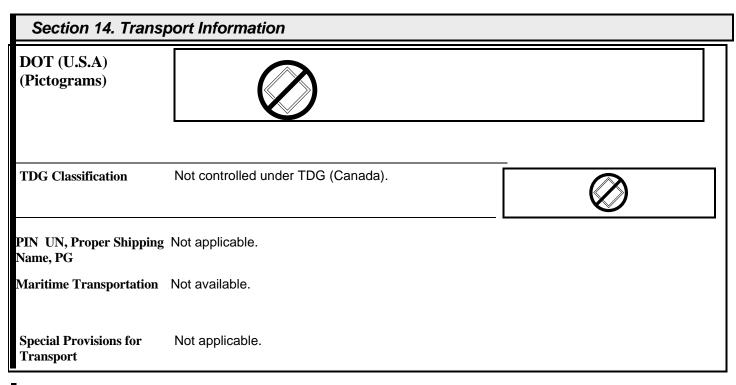
Section 10. Stability and Reactivity Data		
Stability	The product is stable.	
Incompatibility with Various Substances	Reactive with oxidizing agents, reducing agents.	
Hazardous Decomposition Products	Not available.	

Section 11. Toxicological Information		
Routes of Entry	Eye contact. Inhalation. Ingestion.	
Toxicity to Animals	LD50: Not available. LC50: Not available.	
Acute Effects on Humans		
Eyes	Irritant.	
Skin	Not available.	
Inhalation	According to our data base, the product will not easily enter the human body.	
Ingestion	Aspiration hazard if swallowed- can enter lungs and cause chemical pneumonitis.	
Chronic Effects on Humans	Repeated skin exposure can produce local skin destruction, or dermatitis.	

Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	Not available.

Section 12. Ecological Information		
Ecotoxicity	Not available.	
BOD5 and COD	Not available.	
Products of Biodegradation	Not available.	
Toxicity of the Products of Biodegradation	f Not available.	
Special Remarks on the Products of Biodegradation	Not available.	

Section 13. Disposal Considerations			
Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.		
Waste Stream	Not available.		



Section 15. Other Regulatory Information and Pictograms					
WHMIS (Classification)	Not controlled under WHMIS (Canada).				
Regulatory Lists	No products were found.				
Other Regulations	Not available. or of its ingredients				
Other Classifications	HCS (U.S.A.)	Not controlled under the HCS (United States).			

	USA Regulatory Lists			
	DSD (EEC)			
	International Regulations Lists	To producto word round.		
Hazardous Material Information System (U.S.A.)	Health Flammability Physical Hazard	* 1 National Fire O Protection Association (U.S.A.)		
The Hazard Ranking systems presented on this MSDS provide only a quick reference for hazard information. The ENTIRE Specific Hazard MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.				

Section 16. Other Information

Validated by DThomas on 3/9/2005.

Verified by DThomas.

Printed 3/9/2005.

Information Contact Betco Corporation

1001 Brown Avenue Toledo, Ohio 43607

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Validated on 3/9/2005.

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