SAFETY DATA SHEET



KEYSTONE WATER BASED STAINLESS STEEL POLISH

Section 1. Chemical product and company identification

Product name Recommended use and restrictions		KEYSTONE WATER BASED STAINLESS STEEL POLISH Metal Polish Use only for the purpose on the product label.
Product dilution information	:	Not applicable
Supplier's information	:	Ecolab Inc. Institutional Division 370 N. Wabasha Street St. Paul, MN 55102 1-800-352-5326
Code	:	998674-01
Date of issue	:	19 Dec 2013 EMERGENCY HEALTH INFORMATION: 1-800-328-0026 Outside United States and Canada CALL 1-651-222-5352 (in USA)

Section 2. Hazards identification

	Product AS SOLD	Product AT USE DILUTION
GHS Classification	: SERIOUS EYE DAMAGE/ EYE IRRITATION - I Category 1	Product is sold ready to use.
GHS label elements		
Signal word	: Danger	
Symbol		
Hazard statements	: Causes serious eye damage.	
Precautionary statem	nents	
Prevention	: Wear eye or face protection. 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. Immediately call a POISON CENTER or physician.	
Storage	: No other specific measures identified.	
Disposal	: See section 13 for waste disposal information.	
Other hazards	: None known.	

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Product AS SOLD		
Hazardous ingredients	Concentration Range (%)	CAS number
alcohols, c12-16, ethoxylated white mineral oil, petroleum alcohols, c12-15, ethoxylated	5 - 20 5 - 20 1 - 5	68551-12-2 8042-47-5 68131-39-5
Product AT USE DILUTION		
Hazardous ingredients	Concentration Range (%)	CAS number

Product is sold ready to use.

Section 4. First aid measures

	Product AS SOLD	Product AT USE DILUTION			
Eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.	Product is sold ready to use.			
Skin contact	: No known effect after skin contact. Rinse with water for a few minutes.				
Inhalation	: No special measures required. Treat symptomatically.				
Ingestion	: Get medical attention if symptoms occur.				
Protection of first- aiders	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.				
Notes to physician	: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have				

been ingested or inhaled. See toxicological information (section 11)

Section 5. Fire-fighting measures

Product AS SOLD	
Suitable fire extinguishing media	: Use water spray, fog or foam.
Specific hazards arising from the chemical	: In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	: No specific data.
Specific fire-fighting methods	 Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	 Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

	Product AS SOLD	Product AT USE DILUTION
Personal precautions	 Initiate company's spill response procedures immediately. Keep people out of area. Put on appropriate personal protective equipment (see section 8). Do not touch or walk through spilled material. 	Product is sold ready to use.
Environmental precautions Methods for cleaning up	 Avoid contact of large amounts of spilled material and runoff with soil and surface waterways. Use a water rinse for final clean-up. 	

Section 7. Handling and storage

Product AS SOLD

Handling : Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Use only with adequate ventilation. Wash thoroughly after handling.
 Storage : Keep out of reach of children. Keep container tightly closed.
 Store between the following temperatures: 0 and 50°C

Product AT USE DILUTION

Product is sold ready to use.

Section 8. Exposure controls/personal protection

Control parameters

Ingredient name		Exp	oosure limits
white mineral oil, petroleum		ACGIH TLV (United States, 3/2012). TWA: 5 mg/m ³ 8 hours. Form: Inhalable fraction NIOSH REL (United States, 6/2009). TWA: 5 mg/m ³ 10 hours. Form: Mist STEL: 10 mg/m ³ 15 minutes. Form: Mist OSHA PEL (United States, 6/2010). TWA: 5 mg/m ³ 8 hours.	
Appropriate engineering controls	 Product AS SOLD Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor mist, use process enclosures, local exhaust ventilation or other engineering controls to ke worker exposure to airborne contaminants be any recommended or statutory limits. Provide suitable facilities for quick drenching or flushin of the eyes and body in case of contact or spl hazard. 	ep low e ng	Product AT USE DILUTION Product is sold ready to use.
Personal protection			
Eye protection	: Use chemical splash goggles. For continued severe exposure wear a face shield over the goggles.	or	
Hand protection	: No protective equipment is needed under nor use conditions.	mal	
Skin protection	: No protective equipment is needed under nor use conditions.	mal	
Respiratory protection	: A respirator is not needed under normal and intended conditions of product use.		

Hygiene measures
 Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

Section 9. Physical and chemical properties

	Produc	t AS SOLD
Physical state	Liquid.	
Color	Yellow	
Odor	Faint od	or
рН	7.5 (100	%)
Flash point	> 100°C	
Explosion limits	Not avai	lable.
Flammability (solid, gas)	Not avai	lable.
Melting point	Not avai	lable.
Boiling point	>100°C	(>212°F)
Evaporation rate (butyl acetate = 1)	Not avai	lable.
Vapor pressure	Not avai	lable.
Vapor density	Not avai	lable.
Relative density	0.986 (V	Vater = 1)
Solubility	Not avai	lable.
Partition coefficient: n-octanol/water	Not avai	lable.
Auto-ignition temperature	Not avai	lable.
Decomposition temperature	Not avai	lable.
Odor threshold	Not avai	lable.
Viscosity	Kinemat	ic (room temperature): 0 cm ² /s (0 cSt)

Product AT USE DILUTION Product is sold ready to use.

Section 10. Stability and reactivity

Product AS SOLD	
Stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid Materials to avoid	: No specific data. : Not available.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Route of exposure : Skin contact, Eye contact, Inhalation, Ingestion

Section 11. Toxicological information

	Product AS SOLD	Product AT USE DILUTION
Symptoms		
Eye contact	: Adverse symptoms may include the following: pain watering redness	Product is sold ready to use.
Skin contact	: No specific data.	
Inhalation	: No specific data.	
Ingestion	: No specific data.	
Acute toxicity		
Eye contact	: Causes serious eye damage.	
Skin contact	: No known significant effects or critical hazards.	
Inhalation	: No known significant effects or critical hazards.	
Ingestion	: No known significant effects or critical hazards.	
<u>Toxicity data</u>		

Product/ingredient name whether of 10 10 11

alcohols, c12-16, ethoxylated			LD50 Dermal	Rabbit	>2000 mg/kg
			LD50 Oral	Rat	1100 mg/kg
white mineral oil, petroleum			LC50 Inhalation	Rat	>5.2 mg/l
			Dusts and mists		
			LD50 Dermal	Rabbit	>2000 mg/kg
			LD50 Oral	Rat	>5000 mg/kg
alcohols, c12-15, ethoxylated			LD50 Dermal	Rat	>2000 mg/kg
			LD50 Oral	Rat	1700 mg/kg
Chronic toxicity					
Carcinogenicity	:	No known s	ignificant effects or	critical ha	azards.
Mutagenicity	:	No known si	gnificant effects or o	critical ha	azards.
Teratogenicity	:	No known si	gnificant effects or o	critical ha	azards.
Developmental effects	:	No known si	gnificant effects or o	critical ha	azards.
Fertility effects	:	No known si	gnificant effects or o	critical ha	azards.

Section 12. Ecological information

Product AS SOLD

Ecotoxicity

: This material is toxic to aquatic life.

Aquatic and terrestrial toxicity

Product/ingredient name	Result	Species	Exposure
alcohols, c12-16, ethoxylated	Acute LC50 1.5 mg/l	Fish	96 hours
white mineral oil, petroleum	Acute LC50 >100 mg/l	Fish	96 hours
alcohols, c12-15, ethoxylated	Acute LC50 1.4 mg/l	Fish	96 hours
Other adverse effects	: No known significant effects or critical hazards		

Section 13. Disposal considerations

Product AS SOLD

Disposal methods

: Avoid disposal. Attempt to use product completely in accordance with intended use. Disposal should be in accordance with applicable regional, national and local laws and regulations.

Product AT USE DILUTION

Product is sold ready to use.

Section 14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

DOT				
DOT Classification	Not regulated.			
IMO/IMDG				
IMO/IMDG Classification	UN3082			
IMO/IMDG Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alcohol, C12-C16 poly (1-6) ethoxylate). Marine pollutant. Limited quantity.			
Class	9			
Packing group	III			
For transport in bulk, see shipping documents for specific transportation information.				

Product AT USE DILUTION	
Not intended for transport.	

Section 15. Regulatory information

Product AS SOLD

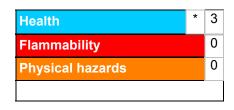
U.S. Federal regulations	
TSCA 8(b) inventory	: All components are listed or exempted.
SARA 302/304/311/312 ex	ktremely hazardous substances: No listed substance

SARA 302/304 emergency planning and notification: No listed substance

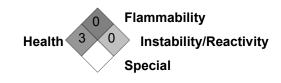
SARA 313	Product name	CAS number	Concentration
Form R - Reporting requirements	: No listed substance		
<u>California Prop. 65</u>	: No listed substance		

Section 16. Other information

Product AS SOLD	
Hazardous Material	:
Information System (U.S.A.)	



National Fire Protection Association (U.S.A.)



: 19 Dec 2013

2

Section 16. Other information

Prepared by

: Regulatory Affairs 1-800-352-5326 19 Dec 2013

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.