

Version 1.0	Revision Date: 04/09/2015	MSDS 90395	Number: -00001	Date of last issue: - Date of first issue: 04/09/2015	
SECTION	1. IDENTIFICATION				
Produ	Product name		: GOJO® Fine Italian Pumice Hand Cleaner		
Manu	facturer or supplier's	details			
Comp	pany name of supplier	: GC	JO Industries	, Inc.	
Addre	ess		One GOJO Plaza, Suite 500 Akron OH 44311		
Telep	hone	: 1(330) 255-6000	•	
Emer	Emergency telephone		800-424-9300	CHEMTREC	
Reco	mmended use of the o	hemica	l and restricti	ons on use	
Reco	Recommended use		in-care		
Restr	Recommended use Restrictions on use		nsumers and c eseeable use. ecifically define empt from the nile this materia ntains valuable oper use of the well as unusua IIs. This SDS s ployees and o ended-use guid	I care or cosmetic product that is safe for other users under normal and reasonably Cosmetics and consumer products, ed by regulations around the world, are requirement of an SDS for the consumer. al is not considered hazardous, this SDS information critical to the safe handling and product for industrial workplace conditions al and unintended exposures such as large should be retained and available for ther users of this product. For specific dance, please refer to the information backage or instruction sheet.	

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification Serious eye damage	: Category 1
GHS Label element Hazard pictograms	
Signal Word	: Danger
Hazard Statements	: H318 Causes serious eye damage.
Precautionary Statements	: Prevention: P280 Wear eye protection/ face protection. Response:



Version 1.0	Revision Date: 04/09/2015	MSDS Number: 90395-00001	Date of last issue: - Date of first issue: 04/09/2015
		water for sever	P338 + P310 IF IN EYES: Rinse cautiously with al minutes. Remove contact lenses, if present . Continue rinsing. Immediately call a POISON ctor/ physician.
Othe	r hazards		
None	known.		

Substance.	[/] Mixture	:	Mixture

Hazardous ingredients

Chemical Name	CAS-No.	Concentration (%)
White mineral oil (petroleum)	8042-47-5	>= 30 - < 50
Polyoxyethylene tridecyl ether	24938-91-8	>= 1 - < 5
Propylene glycol	57-55-6	>= 1 - < 5
Sodium Hydroxymethylglycinate	70161-44-3	>= 0.1 - < 1

SECTION 4. FIRST AID MEASURES

General advice	advice i	ase of accident or if you feel unwell, seek medical mmediately. ymptoms persist or in all cases of doubt seek medical
If inhaled		d, remove to fresh air. dical attention if symptoms occur.
In case of skin contact		ith water and soap as a precaution. dical attention if symptoms occur.
In case of eye contact	for at lea If easy t	of contact, immediately flush eyes with plenty of water ast 15 minutes. o do, remove contact lens, if worn. dical attention immediately.
If swallowed	Get med	wed, DO NOT induce vomiting. dical attention if symptoms occur. nouth thoroughly with water.
Most important symptoms and effects, both acute and delayed	: Causes	serious eye damage.
Protection of first-aiders	and use	I responders should pay attention to self-protection, the recommended personal protective equipment e potential for exposure exists.
Notes to physician	: Treat sy	mptomatically and supportively.



Version 1.0	Revision Date: 04/09/2015		SDS Number: 0395-00001	Date of last issue: - Date of first issue: 04/09/2015
SECTIO	N 5. FIRE-FIGHTING ME	ASI	JRES	
Suit	able extinguishing media	:	Water spray Alcohol-resistant Dry chemical Carbon dioxide (
Uns med	uitable extinguishing lia	:	None known.	
Spe fight	cific hazards during fire ting	:	Exposure to com	bustion products may be a hazard to health.
Haz ucts	ardous combustion prod-	:	Carbon oxides	
•	cific extinguishing hods	:	circumstances an Use water spray	g measures that are appropriate to local nd the surrounding environment. to cool unopened containers. aged containers from fire area if it is safe to do
	cial protective equipment ire-fighters	:		e, wear self-contained breathing apparatus. tective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations.
Environmental precautions	:	Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for containment and cleaning up	:	Soak up with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.



Version 1.0	Revision Date: 04/09/2015	MSDS Number: 90395-00001	Date of last issue: - Date of first issue: 04/09/2015			
SECTION	7. HANDLING AND S	TORAGE				
Technical measures			: See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.			
Local	I/Total ventilation	: Use only with a	adequate ventilation.			
Advic	ce on safe handling	Do not swallow Do not get in e Avoid prolonge Handle in acco practice. Keep containe	ves. d or repeated contact with skin. rdance with good industrial hygiene and safety			
Cond	litions for safe storage	Keep tightly clo	ly labeled containers. osed. lance with the particular national regulations.			
Mate	rials to avoid	: Do not store w Strong oxidizin	ith the following product types: g agents			

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Ingredients	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
White mineral oil (petroleum)	8042-47-5	TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Inhal- able fraction)	5 mg/m3	ACGIH
		TWA (Mist)	5 mg/m3	NIOSH REL
		ST (Mist)	10 mg/m3	NIOSH REL
Propylene glycol	57-55-6	TWA	10 mg/m3	US WEEL

Hazardous components without workplace control parameters

-	-
Ingredients	CAS-No.
Polyoxyethylene tridecyl ether	24938-91-8
Sodium	70161-44-3
Hydroxymethylglycinate	

Engineering measures	: Ensure adequate ventilation, especially in confined areas.
	Minimize workplace exposure concentrations.
	Dust formation may be relevant in the processing of this
	product. In addition to substance-specific OELs, general
	limitations of concentrations of particulates in the air at
	workplaces have to be considered in workplace risk
	assessment, Relevant limits include: OSHA PEL for



ersion 0	Revision Date: 04/09/2015		DS Number: 395-00001	Date of last issue: - Date of first issue: 04/09/2015
			dust, 5 mg/m3 Particles (insole	ot Otherwise Regulated of 15 mg/m3 - total - respirable fraction; and ACGIH TWA for uble or poorly soluble) Not Otherwise ng/m3 - respirable particles, 10 mg/m3 - iles.
Perso	onal protective equip	ment		
	ratory protection		maintain vapor concentrations unknown, appr Follow OSHA r use NIOSH/MS by air purifying hazardous che supplied respira release, exposi	cal exhaust ventilation is recommended to exposures below recommended limits. Where are above recommended limits or are opriate respiratory protection should be worn. espirator regulations (29 CFR 1910.134) and SHA approved respirators. Protection provided respirators against exposure to any mical is limited. Use a positive pressure air ator if there is any potential for uncontrolled ure levels are unknown, or any other where air purifying respirators may not provide option.
	protection terial	:	Impervious glov	ves
Rei	marks	:	on the concent time is not dete For special app resistance to cl gloves with the	to protect hands against chemicals depending ration specific to place of work. Breakthrough ermined for the product. Change gloves often! plications, we recommend clarifying the nemicals of the aforementioned protective glove manufacturer. Wash hands before he end of workday.
Еуе р	rotection	:	Chemical resist	ving personal protective equipment: tant goggles must be worn. likely to occur, wear:
Skin a	and body protection	:	resistance data potential. Skin contact m	ate protective clothing based on chemical and an assessment of the local exposure ust be avoided by using impervious protective s, aprons, boots, etc).
Hygie	ne measures	:	located close to When using do	e flushing systems and safety showers are o the working place. not eat, drink or smoke. nated clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: cream
Color	: opaque, yellow



Version 1.0	Revision Date: 04/09/2015		DS Number: 95-00001	Date of last issue: - Date of first issue: 04/09/2015
Odd	Dr	:	citrus	
Odd	or Threshold	:	No data available	3
рH		:	5.0 - 8.0	
Mel	ting point/freezing point	:	No data available)
Initi ranę	al boiling point and boiling ge	:	No data available	
Flas	sh point	:	> 100 °C	
Eva	poration rate	:	No data available	9
Flar	nmability (solid, gas)	:	Not applicable	
Upp	per explosion limit	:	No data available	9
Low	ver explosion limit	:	No data available	9
Vap	oor pressure	:	No data available	9
Rela	ative vapor density	:	No data available	9
Der	nsity	:	0.93 g/cm3	
	ubility(ies) Vater solubility	:	soluble	
	tition coefficient: n- anol/water	:	Not applicable	
Aut	oignition temperature	:	No data available	9
Dec	composition temperature	:	The substance of	r mixture is not classified self-reactive.
	cosity /iscosity, kinematic	:	10,000 - 50,000 r	mm2/s (20 °C)
Exp	losive properties	:	Not explosive	
Oxi	dizing properties	:	The substance of	r mixture is not classified as oxidizing.

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: Not classified as a reactivity hazard.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reac- tions	: Can react with strong oxidizing agents.



Version 1.0	Revision Date: 04/09/2015	MSDS Number: 90395-00001	Date of last issue: - Date of first issue: 04/09/2015		
Condi	tions to avoid	: None known.			
Incom	patible materials	: Oxidizing ager	ts		
Hazar produ	dous decomposition cts	: No hazardous	decomposition products are known.		
SECTION	11. TOXICOLOGICAL				
Inhala Skin o Ingest	contact	s of exposure			
	e toxicity assified based on avai	lable information.			
Produ	ict.				
	oral toxicity		Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method		
White	dients: mineral oil (petroleu oral toxicity	m): : LD50 (Rat): > 5	,000 mg/kg		
Acute	inhalation toxicity	: LC50 (Rat): > 5 Exposure time: Test atmospher Assessment: The inhalation toxici	4 h re: dust/mist ne substance or mixture has no acute		
Acute	dermal toxicity	: LD50 (Rabbit): Assessment: T toxicity	> 2,000 mg/kg ne substance or mixture has no acute dermal		
	oxyethylene tridecyl e oral toxicity		00 - < 2,000 mg/kg		
	/lene glycol: oral toxicity	: LD50 (Rat): > 5	,000 mg/kg		
Acute	inhalation toxicity	Exposure time: Test atmosphere	e: dust/mist ne substance or mixture has no acute		
Acute	dermal toxicity	: LD50 (Rabbit): Assessment: Th toxicity	> 2,000 mg/kg ne substance or mixture has no acute dermal		
	Im Hydroxymethylgly oral toxicity	r cinate: : LD50 (Rat): 1,0	50 mg/kg		



Version	Revision Date:	MSDS Number:
1.0	04/09/2015	90395-00001

Date of last issue: -Date of first issue: 04/09/2015

Skin corrosion/irritation

Not classified based on available information.

Product:

Result: No skin irritation

Ingredients:

White mineral oil (petroleum): Species: Rabbit Result: No skin irritation

Polyoxyethylene tridecyl ether:

Species: Rabbit Result: No skin irritation

Propylene glycol:

Species: Rabbit Method: OECD Test Guideline 404 Result: No skin irritation

Sodium Hydroxymethylglycinate:

Species: Rabbit Result: Skin irritation

Serious eye damage/eye irritation

Causes serious eye damage.

Ingredients:

White mineral oil (petroleum): Species: Rabbit Result: No eye irritation

Polyoxyethylene tridecyl ether:

Species: Rabbit Result: Irreversible effects on the eye

Propylene glycol:

Species: Rabbit Result: No eye irritation Method: OECD Test Guideline 405

Sodium Hydroxymethylglycinate:

Species: Rabbit Result: Irritation to eyes, reversing within 21 days

Respiratory or skin sensitization

Skin sensitization: Not classified based on available information. Respiratory sensitization: Not classified based on available information.

Product:

Assessment: Does not cause skin sensitization.



Version 1.0	Revision Date: 04/09/2015	MSDS Number: 90395-00001	Date of last issue: - Date of first issue: 04/09/2015
Test T Routes Specie	lients: mineral oil (petroleum ype: Buehler Test s of exposure: Skin cont es: Guinea pig : negative		
Test T Routes Specie	lene glycol: ype: Maximization Test s of exposure: Skin cont es: Guinea pig : negative		
Test T Routes Specie	m Hydroxymethylglyc ype: Maximization Test s of exposure: Skin cont es: Guinea pig : positive	(GPMT)	
Assess	sment: Probability or ev	idence of skin sensi	tization in humans
	cell mutagenicity assified based on availa	ble information.	
Ingred			
	mineral oil (petroleum oxicity in vitro	-	itro mammalian cell gene mutation test e
Genoto	oxicity in vivo	cytogenetic ass Species: Mouse Application Rou Method: OECD Result: negativ	e ute: Intraperitoneal injection Test Guideline 474
Propy	lene glycol:		
	oxicity in vitro	: Test Type: Bac Result: negativ	terial reverse mutation assay (AMES) e
Genote	oxicity in vivo	Species: Mous	ute: Intraperitoneal injection
	m Hydroxymethylglyc oxicity in vitro		terial reverse mutation assay (AMES) e
Genoto	oxicity in vivo	: Test Type: Uns mammalian live Species: Rat Result: negativ	



Versi 1.0	ion	Revision Date: 04/09/2015		GDS Number: 395-00001	Date of last issue: - Date of first issue: 04/09/2015
	Not cla Ingred White Specie Applica Exposu	mineral oil (petroleum		information.	
	Specie Applica Exposu	ene glycol: s: Rat ation Route: Ingestion are time: 2 Years negative			
	IARC		e		product present at levels greater than or tified as probable, possible or confirmed y IARC.
	OSHA		e		product present at levels greater than or tified as a carcinogen or potential carcino-
	NTP		e		product present at levels greater than or tified as a known or anticipated carcinogen
	-	ductive toxicity ssified based on availal	ble	information.	
	Ingred				
		mineral oil (petroleum on fertility	i): :	Test Type: One-g Species: Rat Application Route Result: negative	eneration reproduction toxicity study : Skin contact
	Effects	on fetal development	•	Test Type: Embry Species: Rat Application Route Result: negative	o-fetal development : Ingestion
		ene glycol: on fertility	:	Species: Mouse Application Route Result: negative	: Ingestion
	Effects	on fetal development	:	Test Type: Embry Species: Mouse Application Route Result: negative	o-fetal development : Ingestion

Revision Date:

Sodium Hydroxymethylglycinate: Effects on fetal development : Sp

04/09/2015

Version

1.0



GOJO® Fine Italian Pumice Hand Cleaner

MSDS Number:

: Species: Rat

Application Route: Ingestion Result: negative

90395-00001

Date of last issue: -

Date of first issue: 04/09/2015

	,
STOT-single exposure	
Not classified based on available	information.
STOT-repeated exposure	
Not classified based on available	information.
Repeated dose toxicity	
Ingredients:	
White mineral oil (petroleum):	
Species: Rat LOAEL: 160 mg/kg	
Application Route: Ingestion	
Exposure time: 90 d	
Species: Rat	
LOAEL: >= 1 mg/l	
Application Route: inhalation (dus Exposure time: 4 w	st/mist/fume)
Method: OECD Test Guideline 41	2
Propylene glycol:	
Species: Rat	
NOAEL: 1,700 mg/kg	
Application Route: Ingestion	
Exposure time: 2 y	
Aspiration toxicity	
Not classified based on available	information.
Product:	
No aspiration toxicity classification	n
Ingredients:	
White mineral oil (petroleum): The substance or mixture is know	vn to cause human aspiration toxicity hazards or has to
regarded as if it causes a human	
TION 12. ECOLOGICAL INFORM	ΛΑΤΙΟΝ
Ecotoxicity	
-	
Ingredients: White mineral oil (petroleum):	
Toxicity to fish	LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 m
	Exposure time: 96 h
	Method: OECD Test Guideline 203
	11 / 17



: EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Method: OECD Test Guideline 202	
 NOEC (Pseudokirchneriella subcapitata (green algae)) mg/l Exposure time: 72 h Method: OECD Test Guideline 201 	: 100
: NOEC (Oncorhynchus mykiss (rainbow trout)): 1,000 n Exposure time: 28 d	ng/l
: NOEC (Daphnia magna (Water flea)): 1,000 mg/l Exposure time: 21 d	
er: : LC50 (Leuciscus idus (Golden orfe)): > 1 - 10 mg/l Exposure time: 96 h	
: EC50: > 1 - 10 mg/l Exposure time: 48 h	
: EC50: > 1 - 10 mg/l Exposure time: 72 h	
: LC50 (Oncorhynchus mykiss (rainbow trout)): 40,613 r Exposure time: 96 h	ng/l
: EC50 (Ceriodaphnia dubia (water flea)): 18,340 mg/l Exposure time: 48 h	
: EC50 (Skeletonema costatum (marine diatom)): 19,000 Exposure time: 48 h Method: OECD Test Guideline 201	0 mg/l
: Chronic Toxicity Value: 2,500 mg/l Exposure time: 30 d	
: NOEC (Ceriodaphnia dubia (water flea)): 29,000 mg/l Exposure time: 7 d	
: NOEC (Pseudomonas putida): > 20,000 mg/l Exposure time: 18 h	
nate: : LC50: > 10 - 100 mg/l Exposure time: 96 h	
: EC50 (Daphnia pulex (Water flea)): > 10 - 100 mg/l Exposure time: 48 h	
ر he	90395-00001 Date of first issue: 04/09/2015 : EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Method: OECD Test Guideline 202 : NOEC (Pseudokirchneriella subcapitata (green algae)) mg/l Exposure time: 72 h Method: OECD Test Guideline 201 : NOEC (Oncorhynchus mykiss (rainbow trout)): 1,000 m Exposure time: 28 d : NOEC (Daphnia magna (Water flea)): 1,000 mg/l Exposure time: 21 d her: : : LC50 (Leuciscus idus (Golden orfe)): > 1 - 10 mg/l Exposure time: 96 h : EC50: > 1 - 10 mg/l Exposure time: 72 h : LC50 (Oncorhynchus mykiss (rainbow trout)): 40,613 r Exposure time: 72 h : LC50 (Oncorhynchus mykiss (rainbow trout)): 40,613 r Exposure time: 96 h : EC50 (Ceriodaphnia dubia (water flea)): 18,340 mg/l Exposure time: 48 h : EC50 (Skeletonema costatum (marine diatom)): 19,000 Exposure time: 48 h Method: OECD Test Guideline 201 : Chronic Toxicity Value: 2,500 mg/l Exposure time: 30 d : NOEC (Ceriodaphnia dubia (water flea)): 29,000 mg/l Exposure time: 7 d : NOEC (Pseudomonas putida): > 20,000 mg/l Exposure time: 7 d : NOEC (Pseudomonas putida): > 20,000 mg/l Exposure time: 8 h : LC50: > 10 - 100 mg/l Exposure time: 96 h : LC50: > 10 - 100



Versio 1.0	on	Revision Date: 04/09/2015		DS Number: 395-00001	Date of last issue: - Date of first issue: 04/09/2015	
Т	oxicity	to algae	:	ErC50 (Desmodesmus subspicatus (Scenedesmus subspicatus)): > 10 - 100 mg/l Exposure time: 72 h		
Т	oxicity	to bacteria	:	EC50: > 100 mg/l Exposure time: 12	20 h	
Р	Persiste	ence and degradabili	ty			
<u>Ir</u>	ngredie	ents:				
		nineral oil (petroleum adability	ו): ַ	Result: Not readily Biodegradation: 3 Exposure time: 28	31 %	
		/ethylene tridecyl etł adability		Result: Readily bio Biodegradation: > Exposure time: 28	• 60 %	
		e ne glycol: adability	:	Result: Readily bio Biodegradation: 9 Exposure time: 28 Method: OECD Te	98.3 %	
		adability		e: Result: Readily bi	odegradable.	
В	Bioaccu	umulative potential				
P		ne glycol: coefficient: n-	:	log Pow: -1.07		
Р		Hydroxymethylglyc coefficient: n- water		e: log Pow: < 3		
	-	/ in soil available				
		dverse effects available				
SECT	ION 13	B. DISPOSAL CONSIL	DER	ATIONS		
	-	al methods rom residues	:	Dispose of in acco	ordance with local regulations.	

Contaminated packaging : Dispose of as unused product.



Version 1.0	Revision Date: 04/09/2015	MSDS Number: 90395-00001	Date of last issue: - Date of first issue: 04/09/2015		
			rs should be taken to an approved waste r recycling or disposal.		
SECTION	I 14. TRANSPORT INF	FORMATION			
Inter	national Regulation				
•	TDG regulated as a dangero	us good			
	A-DGR regulated as a dangero	us good			
	IMDG-Code Not regulated as a dangerous good				
	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable for product as supplied.				
Dom	Domestic regulation				
	49 CFR Not regulated as a dangerous good				

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

Ingredients	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium hydroxide	1310-73-2	1000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards	: Acute Health Hazard
SARA 302	: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313	: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Pennsylvania Right To Know					
White mineral oil (petroleum)	8042-47-5	30 - 50 %			
Water	7732-18-5	30 - 50 %			
Fatty acids, tall-oil	61790-12-3	5 - 10 %			

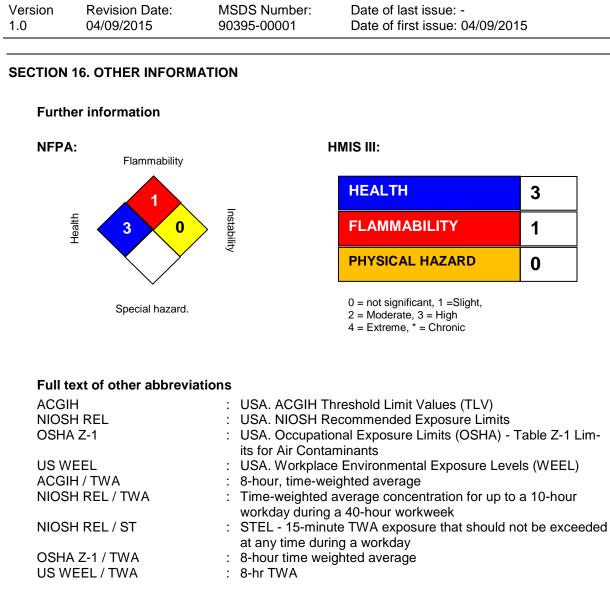


Version 1.0	Revision Date: 04/09/2015	MSDS Number: 90395-00001	Date of last issue: - Date of first issue: 04/09/2	015	
	Pumice Polyoxyet Propylene Sodium h	• ·	1332-09-8 24938-91-8 57-55-6 1310-73-2	5 - 10 % 1 - 5 % 1 - 5 % 0.1 - 1 %	
Naw			1310-73-2	0.1 - 1 /8	
New	Water Fatty acid Pumice	eral oil (petroleum) s, tall-oil hylene tridecyl ether	8042-47-5 7732-18-5 61790-12-3 1332-09-8 24938-91-8 57-55-6	30 - 50 % 30 - 50 % 5 - 10 % 5 - 10 % 1 - 5 % 1 - 5 %	
Calif	ornia Prop 65	State of Californ	This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.		
The i	naredients of this p	roduct are reported in	the following inventories:		
REAG	•	-	pre-)registered or exempt.		
TSCA	A		All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.		
DSL		1999 and NSNF	All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL).		
AICS	i	: All ingredients I	isted or exempt.		

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)





Sources of key data used to compile the Material Safety Data Sheet : Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, http://echa.europa.eu/

Revision Date : 04/09/2015

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

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 is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.



VersionRevision Date:MSDS Number:Date of last issue: -1.004/09/201590395-00001Date of first issue: 04/09/2015	
---	--

US / Z8