

Version WM	Revision Date: 08/31/2015		SDS Number: 6491-00004	Date of last issue: 04/17/2015 Date of first issue: 12/11/2014	
SECTION	1. IDENTIFICATION				
Produ	ict name	:	MICRELL® Antiba	acterial Foam Handwash	
Manu	facturer or supplier's	deta	ails		
	any name of supplier	:			
Address		:	One GOJO Plaza, Suite 500 Akron OH 44311		
Telep	hone	:	1 (330) 255-6000		
Emer	Emergency telephone		1-800-424-9300 CHEMTREC		
Reco	Recommended use of the o		nical and restriction	ons on use	
Recor	Recommended use		Antibacterial Soap		
Restrictions on use		:	This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. Cosmetics and consumer products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer. While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling a proper use of the product for industrial workplace condition as well as unusual and unintended exposures such as larg spills. This SDS should be retained and available for employees and other users of this product. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.		

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification Flammable liquids	: Category 3
Serious eye damage	: Category 1
GHS Label element Hazard pictograms	
Signal Word	: Danger
Hazard Statements	: H226 Flammable liquid and vapor. H318 Causes serious eye damage.



Version	Revision Date:	MSDS Number:	Date of last issue: 04/17/2015
WM	08/31/2015	36491-00004	Date of first issue: 12/11/2014
Preca	utionary Statements	No smoking. P233 Keep conta P241 Use explose equipment. P242 Use only n P243 Take prece P280 Wear prota Response: P303 + P361 + F all contaminated P305 + P351 + F water for severa and easy to do. 0 CENTER or doct Storage: P403 + P235 Sto Disposal:	y from heat/sparks/open flames/hot surfaces. ainer tightly closed. sion-proof electrical/ ventilating/ lighting/ on-sparking tools. autionary measures against static discharge. ective gloves/ eye protection/ face protection. 2353 IF ON SKIN (or hair): Take off immediately clothing. Rinse skin with water/shower. 2338 + P310 IF IN EYES: Rinse cautiously with minutes. Remove contact lenses, if present Continue rinsing. Immediately call a POISON tor/ physician. ore in a well-ventilated place. Keep cool. contents/ container to an approved waste

Other hazards

Vapors may form explosive mixture with air.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

Chemical Name	CAS-No.	Concentration (%)
Ethanol	64-17-5	>= 5 - < 10
Dodecanoic acid	143-07-7	>= 5 - < 10
Ethanolamine	141-43-5	>= 1 - < 5
I-(+)-Lactic acid	79-33-4	>= 1 - < 5
4-chloro-3,5-dimethylphenol	88-04-0	>= 0.1 - < 1

SECTION 4. FIRST AID MEASURES

General advice	 In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.
If inhaled	: If inhaled, remove to fresh air. Get medical attention if symptoms occur.
In case of skin contact	: Wash with water and soap as a precaution. Get medical attention if symptoms occur.
In case of eye contact	: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.



Version WM	Revision Date: 08/31/2015	MSDS Number: 36491-00004	Date of last issue: 04/17/2015 Date of first issue: 12/11/2014	
		•	emove contact lens, if worn. tention immediately.	
If swallowed		: If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.		
Most important symptoms and effects, both acute and delayed		: Causes serious eye damage.		
Protection of first-aiders		and use the red	nders should pay attention to self-protection, commended personal protective equipment ntial for exposure exists.	
Notes	to physician	: Treat symptom	natically and supportively.	

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	High volume water jet
Specific hazards during fire fighting	:	Do not use a solid water stream as it may scatter and spread fire. Flash back possible over considerable distance. Vapors may form explosive mixtures with air. Exposure to combustion products may be a hazard to health.
Hazardous combustion prod- ucts	:	Carbon oxides Nitrogen oxides (NOx)
Specific extinguishing methods	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.
Special protective equipment for fire-fighters	:	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions,	: Remove all sources of ignition.
protective equipment and	Use personal protective equipment.
emergency procedures	Follow safe handling advice and personal protective equipment recommendations.



Version WM	Revision Date: 08/31/2015	MSDS Number: 36491-00004	Date of last issue: 04/17/2015 Date of first issue: 12/11/2014	
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		Suppress (knock jet. For large spills, p containment to k can be pumped, container. Clean up remain absorbent. Local or national disposal of this m employed in the determine which Sections 13 and	ols should be used. It absorbent material. a down) gases/vapors/mists with a water spray provide diking or other appropriate eep material from spreading. If diked material store recovered material in appropriate ing materials from spill with suitable regulations may apply to releases and naterial, as well as those materials and items cleanup of releases. You will need to regulations are applicable. 15 of this SDS provide information regarding ational requirements.	

SECTION 7. HANDLING AND STORAGE

Technical measures	: See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	 Use with local exhaust ventilation. Use only in an area equipped with explosion proof exhaust ventilation.
Advice on safe handling	 Avoid inhalation of vapor or mist. Do not swallow. Do not get in eyes. Avoid prolonged or repeated contact with skin. Handle in accordance with good industrial hygiene and safety practice. Non-sparking tools should be used. Keep container tightly closed. Keep away from heat and sources of ignition. Take precautionary measures against static discharges. Take care to prevent spills, waste and minimize release to the environment.
Conditions for safe storage	 Keep in properly labeled containers. Keep tightly closed. Keep in a cool, well-ventilated place. Store in accordance with the particular national regulations. Keep away from heat and sources of ignition.
Materials to avoid	: Do not store with the following product types:



Version	Revision Date:	MSDS Number:	Date of last issue: 04/17/2015
WM	08/31/2015	36491-00004	Date of first issue: 12/11/2014
		•	s s tances and mixtures mixtures which in contact with water emit

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

			-	
Ingredients	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethanol	64-17-5	TWA	1,000 ppm 1,900 mg/m3	NIOSH REL
		TWA	1,000 ppm 1,900 mg/m3	OSHA Z-1
		STEL	1,000 ppm	ACGIH
Ethanolamine	141-43-5	TWA	3 ppm	ACGIH
		STEL	6 ppm	ACGIH
		TWA	3 ppm 8 mg/m3	NIOSH REL
		ST	6 ppm 15 mg/m3	NIOSH REL
		TWA	3 ppm 6 mg/m3	OSHA Z-1

Ingredients with workplace control parameters

Hazardous components without workplace control pa	parameters
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Ingredients	CAS-No.
Dodecanoic acid	143-07-7
I-(+)-Lactic acid	79-33-4
4-chloro-3,5-dimethylphenol	88-04-0

 Engineering measures
 Minimize workplace exposure concentrations. Use only in an area equipped with explosion proof exhaust ventilation. Use with local exhaust ventilation. 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 Particulates Not Otherwise Regulated of 15 mg/m3 - total dust, 5 mg/m3 - respirable fraction; and ACGIH TWA for Particles (insoluble or poorly soluble) Not Otherwise Specified of 3 mg/m3 - respirable particles, 10 mg/m3 - inhalable particles.



Version WM	Revision Date: 08/31/2015	MSDS Number: 36491-00004	Date of last issue: 04/17/2015 Date of first issue: 12/11/2014
Perso	onal protective equipm	nent	
Resp	iratory protection	maintain vapo concentration unknown, app Follow OSHA use NIOSH/M by air purifyin hazardous ch supplied resp release, expo	ocal exhaust ventilation is recommended to or exposures below recommended limits. Where is are above recommended limits or are propriate respiratory protection should be worn. respirator regulations (29 CFR 1910.134) and ISHA approved respirators. Protection provided g respirators against exposure to any emical is limited. Use a positive pressure air irator if there is any potential for uncontrolled sure levels are unknown, or any other where air purifying respirators may not provide tection.
	l protection aterial	: Impervious gl	oves
Ma	aterial	: Flame retarda	
Re	emarks	on the concer time is not de For special ap resistance to gloves with th	es to protect hands against chemicals depending ntration specific to place of work. Breakthrough termined for the product. Change gloves often! oplications, we recommend clarifying the chemicals of the aforementioned protective te glove manufacturer. Wash hands before the end of workday.
Eye p	protection	Chemical res	owing personal protective equipment: istant goggles must be worn. e likely to occur, wear:
Skin	and body protection	resistance da potential. Wear the follo Flame retarda Skin contact r	ppriate protective clothing based on chemical ta and an assessment of the local exposure owing personal protective equipment: ant antistatic protective clothing. must be avoided by using impervious protective es, aprons, boots, etc).
Hygie	ene measures	located close When using c	ye flushing systems and safety showers are to the working place. lo not eat, drink or smoke. hinated clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Color	: clear, Slightly hazy, blue green
Odor	: fruity



Ver: WM	sion I	Revision Date: 08/31/2015		DS Number: 191-00004	Date of last issue: 04/17/2015 Date of first issue: 12/11/2014
	Odor T	hreshold	:	No data available	
	рН		:	7.8 - 9.7	
	Melting	point/freezing point	:	No data available)
	Initial b range	oiling point and boiling	:	No data available	
	Flash p	point	:	45.6 °C	
	Evapor	ration rate	:	No data available	
	Flamm	ability (solid, gas)	:	Not applicable	
	Upper	explosion limit	:	No data available)
	Lower	explosion limit	:	No data available	
	Vapor	pressure	:	No data available	9
	Relativ	e vapor density	:	No data available	9
	Density	y	:	1 g/cm3	
	Solubil Wat	ity(ies) er solubility	:	soluble	
	Partitio octano	n coefficient: n- I/water	:	Not applicable	
	Autoigr	nition temperature	:	No data available)
	Decom	position temperature	:	The substance of	mixture is not classified self-reactive.
	Viscosi Visc	ity osity, kinematic	:	10 - 20 mm2/s (2	0 °C)
	Explos	ive properties	:	Not explosive	
	Oxidizi	ng 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	: Flammable liquid and vapor. Vapors may form explosive mixture with air. Can react with strong oxidizing agents.
Conditions to avoid	: Heat, flames and sparks.



Version WM	Revision Date: 08/31/2015		DS Number: 491-00004	Date of last issue: 04/17/2015 Date of first issue: 12/11/2014
Incom	patible materials	:	Oxidizing ager	nts
Hazaı produ	dous decomposition	:	No hazardous	decomposition products are known.
SECTION	11. TOXICOLOGICAL	INFC	RMATION	
Inhala Skin o Inges	contact	s of e	exposure	
	e toxicity assified based on avai	lable	nformation.	
Produ	<u>uct:</u>			
Acute	oral toxicity	:	Acute toxicity e Method: Calcul	stimate: > 5,000 mg/kg lation method
Acute	inhalation toxicity	:	Acute toxicity e Exposure time: Test atmosphe Method: Calcul	re: vapor
Acute	dermal toxicity	:	Acute toxicity e Method: Calcul	stimate: > 5,000 mg/kg lation method
<u>Ingre</u> Ethar	<u>dients:</u>			
	oral toxicity	:	LD50 (Rat): > 5	5,000 mg/kg
Acute	inhalation toxicity	:	LC50 (Rat): 124 Exposure time: Test atmosphe	: 4 h
	canoic acid: oral toxicity	:	LD50 (Rat): > 5 Method: OECD	5,000 mg/kg Test Guideline 401
Acute	inhalation toxicity	:	LC50 (Rat): > 0 Exposure time: Test atmosphe Remarks: Base	: 4 h
Acute	dermal toxicity	:	toxicity	> 2,000 mg/kg he substance or mixture has no acute derma ed on data from similar materials
	oral toxicity	:	LD50 (Rat): 1,5	i15 mg/kg
Acute	inhalation toxicity	:	Acute toxicity e	stimate: 11 mg/l



Version WM	Revision Date: 08/31/2015	MSDS Number: 36491-00004	Date of last issue: 04/17/2015 Date of first issue: 12/11/2014
		Test atmosphe Method: Expe Remarks: Bas 1272/2008, Ar	rt judgment ed on harmonised classification in EU regulation
Acute	e dermal toxicity	: LD50 (Rabbit):	: 1,025 mg/kg
	Lactic acid: oral toxicity	: LD50 (Rat, fen	nale): 3,543 mg/kg
Acute	inhalation toxicity	: LC50 (Rat): > Exposure time Test atmosphe Method: OECI	:: 4 h
Acute	e dermal toxicity	: LD50 (Rabbit):	: > 2,000 mg/kg
	oro-3,5-dimethylphe oral toxicity	: Acute toxicity e Method: Expe	ed on harmonised classification in EU regulation
Acute	inhalation toxicity	: LC50 (Rat): > Test atmosphe	
Acute	e dermal toxicity	: LD50 (Rat): > :	2,000 mg/kg
-	corrosion/irritation lassified based on ava u ct :	ilable information.	
	It: No skin irritation		
Ethar Speci Metho	dients: nol: les: Rabbit od: OECD Test Guidel lt: No skin irritation	ine 404	
Speci Metho	canoic acid: es: Rabbit od: OECD Test Guidel lt: No skin irritation	ine 404	
Speci	nolamine: es: Rabbit lt: Corrosive after 3 mi	nutes to 1 hour of exp	osure
Speci	L actic acid: es: Rabbit lt: Skin irritation		

4-chloro-3,5-dimethylphenol:



Version	Revision Date:	MSDS Number:
WM	08/31/2015	36491-00004

Date of last issue: 04/17/2015 Date of first issue: 12/11/2014

Result: Skin irritation

Remarks: Based on harmonised classification in EU regulation 1272/2008, Annex VI

Serious eye damage/eye irritation

Causes serious eye damage.

Ingredients:

Ethanol: Species: Rabbit Result: Irritation to eyes, reversing within 21 days Method: OECD Test Guideline 405

Dodecanoic acid:

Species: Rabbit Result: Irreversible effects on the eye Method: OECD Test Guideline 405

Ethanolamine:

Species: Rabbit Result: Irreversible effects on the eye

I-(+)-Lactic acid: Species: Chicken eye Result: Irreversible effects on the eye

4-chloro-3,5-dimethylphenol:

Result: Irreversible effects on the eye

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.

Ingredients:

Ethanol:

Test Type: Local lymph node assay (LLNA) Routes of exposure: Skin contact Species: Mouse Result: negative

Dodecanoic acid:

Test Type: Maximization Test (GPMT) Routes of exposure: Skin contact Species: Guinea pig Result: negative

Ethanolamine:

Test Type: Maximization Test (GPMT) Routes of exposure: Skin contact Species: Guinea pig Result: negative



ersion M	Revision Date: 08/31/2015	MSDS Number: 36491-00004	Date of last issue: 04/17/2015 Date of first issue: 12/11/2014
Test T Route Speci	_actic acid: Type: Buehler Test es of exposure: Skin c es: Guinea pig t: negative	ontact	
Asses		evidence of skin sensi	tization in humans U regulation 1272/2008, Annex VI
	cell mutagenicity assified based on ava	ailable information.	
	<u>dients:</u>		
Ethar Geno	nol: toxicity in vitro	: Test Type: In v Result: negativ	itro mammalian cell gene mutation test e
Geno	toxicity in vivo	: Test Type: Roc Species: Mous Application Ro Result: negativ	ute: Ingestion
	canoic acid:		
Geno	toxicity in vitro	Method: OECD Result: negativ	itro mammalian cell gene mutation test Test Guideline 476 e ed on data from similar materials
	tolamine: toxicity in vitro		itro mammalian cell gene mutation test Test Guideline 476 e
Geno	toxicity in vivo	cytogenetic ass Species: Mous Application Ro	e ute: Ingestion Test Guideline 474
	_actic acid: toxicity in vitro	Metabolic activ Result: negativ	omosome aberration test in vitro ation: with and without metabolic activation e ed on data from similar materials
			terial reverse mutation assay (AMES) ation: with and without metabolic activation e
	oro-3,5-dimethylphe toxicity in vitro		terial reverse mutation assay (AMES) e



/ersion VM	Revision Date: 08/31/2015		SDS Number: 491-00004	Date of last issue: 04/17/2015 Date of first issue: 12/11/2014
Carci	nogenicity			
	lassified based on availa	ble	information.	
Ingre	dients:			
Speci Applic Expos	Lactic acid: les: Rat cation Route: Ingestion sure time: 2 Years			
	lt: negative arks: Based on data from	ı sirr	nilar materials	
IARC	;	e		is product present at levels greater than or entified as probable, possible or confirmed by IARC.
OSH	A	e		product present at levels greater than or ntified as a carcinogen or potential carcino
NTP		e		product present at levels greater than or ntified as a known or anticipated carcinogo
-	oductive toxicity lassified based on availa	ble	information.	
<u>Ingre</u> Ethar	dients:			
	ts on fertility	:	Species: Mouse Application Rout	generation reproduction toxicity study e: Ingestion est Guideline 416
Dode	canoic acid:			
Effect	ts on fertility	:	reproduction/dev Species: Rat Application Route Method: OECD T Result: negative	bined repeated dose toxicity study with the elopmental toxicity screening test e: Ingestion Fest Guideline 422 on data from similar materials
Effect	ts on fetal development	:	reproduction/dev Species: Rat Application Route Method: OECD T Result: negative	bined repeated dose toxicity study with the elopmental toxicity screening test e: Ingestion Test Guideline 422 on data from similar materials
	nolamine:			
Effect	ts on fertility	:	Test Type: Two-ç	generation reproduction toxicity study
			12 / 19	



Vers WM	ion	Revision Date: 08/31/2015		SDS Number: 491-00004	Date of last issue: 04/17/2015 Date of first issue: 12/11/2014
				Species: Rat Application Route Result: negative	e: Ingestion
	Effects on fetal development :		Test Type: Embry Species: Rat Application Route Method: OECD To Result: negative		
		single exposure ssified based on availa	ble	information.	
	Inaredi	onts:			
	Ethano	Iamine: ment: May cause respi	rato	ory irritation.	
		ctic acid: ment: May cause respi	rato	ory irritation.	
		repeated exposure			
	Not clas	ssified based on availa	ble	information.	
	Routes	lamine: of exposure: inhalatior			n animals at concentrations of 0.2 mg/l/6h/d
	Repeat	ed dose toxicity			
	Applica	l:			
	Species NOAEL Applica	anoic acid: s: Rat : 10,000 mg/kg tion Route: Ingestion re time: 18 w			
	Species NOAEL Applica	lamine: s: Rat : 150 mg/m3 tion Route: inhalation (re time: 28 d	dus	t/mist/fume)	
	I-(+)-La	ctic acid:			

I-(+)-Lactic acid: Species: Rat NOAEL: >= 886 mg/kg



WM 08/31/2015 36491-00004	VersionRevision Date:MSDS NumberWM08/31/201536491-00004	
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Date of last issue: 04/17/2015 Date of first issue: 12/11/2014

Application Route: Skin contact Exposure time: 13 w

4-chloro-3,5-dimethylphenol:

Species: Rabbit LOAEL: 180 mg/kg Application Route: Skin contact Exposure time: 90 d

Aspiration toxicity

Not classified based on available information.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Ingredients:

Ethanol:		
Toxicity to fish	:	LC50 (Pimephales promelas (fathead minnow)): > 1,000 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 1,000 mg/l Exposure time: 48 h
Toxicity to algae	:	EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC (Daphnia magna (Water flea)): 9.6 mg/l Exposure time: 9 d
Toxicity to bacteria	:	EC50 (Photobacterium phosphoreum): 32.1 mg/l Exposure time: 0.25 h
Dodecanoic acid: Toxicity to fish	:	LC50 (Oryzias latipes (Japanese medaka)): 5 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 3.6 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae	:	EC50 (Selenastrum capricornutum (green algae)): > 7.6 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: No toxicity at the limit of solubility.
		NOEC (Selenastrum capricornutum (green algae)): > 7.6 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: No toxicity at the limit of solubility.



Version WM	Revision Date: 08/31/2015	MSDS Number:Date of last issue: 04/17/201536491-00004Date of first issue: 12/11/2014	
Toxic toxicit	ity to fish (Chronic y)	: NOEC (Danio rerio (zebra fish)): 2 mg/l Exposure time: 28 d Remarks: Based on data from similar materials	
aquat	ity to daphnia and other ic invertebrates nic toxicity)	: NOEC (Daphnia magna (Water flea)): 0.47 mg/l Exposure time: 21 d Method: OECD Test Guideline 211	
Toxic	ity to bacteria	: EC10 (Pseudomonas putida): > 1,000 mg/l Exposure time: 30 min Method: OECD Test Guideline 209	
	nolamine: ity to fish	: LC50 (Cyprinus carpio (Carp)): 349 mg/l Exposure time: 96 h	
	ity to daphnia and other ic invertebrates	: EC50 (Daphnia magna (Water flea)): 65 mg/l Exposure time: 48 h	
Toxic	ity to algae	: ErC50 (Selenastrum capricornutum (green algae)): 2.8 r Exposure time: 72 h	ng/l
		NOEC (Scenedesmus capricornutum (fresh water algae mg/l Exposure time: 72 h	e)): 1
Toxic toxicit	ity to fish (Chronic ty)	: NOEC (Oryzias latipes (Orange-red killifish)): 1.24 mg/l Exposure time: 41 d	
aquat	ity to daphnia and other ic invertebrates nic toxicity)	: NOEC (Daphnia magna (Water flea)): 0.85 mg/l Exposure time: 21 d	
Тохіс	ity to bacteria	: EC50 (Pseudomonas putida): 110 mg/l Exposure time: 17 h	
	Lactic acid: bity to fish	: LC50 (Oncorhynchus mykiss (rainbow trout)): 130 mg/l Exposure time: 96 h	
	ity to daphnia and other ic invertebrates	: EC50 (Daphnia magna (Water flea)): 250 mg/l Exposure time: 48 h Method: OECD Test Guideline 202	
Toxic	ity to algae	: NOEC (Selenastrum capricornutum (fresh water algae)) g/l Exposure time: 72 h Method: OECD Test Guideline 201	: 1.9
		EC50 (Selenastrum capricornutum (fresh water algae)): Exposure time: 72 h Method: OECD Test Guideline 201	3.5 g/l
Toxic	ity to bacteria	: EC50: > 100 mg/l Exposure time: 3 h	



Version WM	Revision Date: 08/31/2015	-	DS Number: 191-00004	Date of last issue: 04/17/2015 Date of first issue: 12/11/2014
			Method: OECD T	est Guideline 209
	oro-3,5-dimethylphen bity to fish		LC50 (Oncorhyn Exposure time: 9	chus mykiss (rainbow trout)): 0.76 mg/l 6 h
	ity to daphnia and other tic invertebrates	r :	EC50 (Daphnia n Exposure time: 4	nagna (Water flea)): 7.7 mg/l 8 h
M-Fa icity)	ctor (Acute aquatic tox-	:	1	
Persi	stence and degradabi	lity		
<u>Ingre</u> Ethar	<u>dients:</u>			
	gradability	:	Result: Readily b Biodegradation: Exposure time: 2	84 %
	canoic acid: gradability	:	Result: Readily b Biodegradation: Exposure time: 3 Method: OECD T	86 %
	n olamine: gradability	:	Result: Readily b Biodegradation: Exposure time: 2	> 90 %
	L actic acid: egradability	:	Result: Not readi Biodegradation: Exposure time: 2	67 %
Bioad	ccumulative potential			
Ethar Partiti	<u>dients:</u> nol: ion coefficient: n- ol/water	:	log Pow: -0.35	
	canoic acid: ccumulation	:		factor (BCF): 234 - 288 on data from similar materials
	ion coefficient: n- ol/water	:	Pow: 4.6	
Partiti	nolamine: ion coefficient: n- ol/water	:	log Pow: -1.91	



Version WM	Revision Date: 08/31/2015	MSDS Number: 36491-00004	Date of last issue: 04/17/2015 Date of first issue: 12/11/2014	
Partit	L actic acid: ion coefficient: n- ol/water	: log Pow: -0.6		
Partit	oro-3,5-dimethylphe ion coefficient: n- ol/water	nol: : log Pow: 3.27		
	lity in soil ata available			
	r adverse effects ata available			
SECTION	13. DISPOSAL CON	SIDERATIONS		
-	osal methods e from residues	: Dispose of in ac	ccordance with local regulations.	

Contaminated packaging	 Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not burn, or use a cutting torch on, the empty drum.

SECTION 14. TRANSPORT INFORMATION

This Section not required under 29 CFR 1910.1200

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

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

SARA 311/312 Hazards	: Fire Hazard 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.



Version WM	Revision Date: 08/31/2015	MSDS Number: 36491-00004	Date of last issue: 04/17/20 Date of first issue: 12/11/20	
US S	tate Regulations			
Penn	sylvania Right To Kı	now		
	Water		7732-18-5	70 - 90 %
	Ethanol		64-17-5	5 - 10 %
	Dodecand	ic acid	143-07-7	5 - 10 %
Ethanolamine			141-43-5	1 - 5 %
	Dipropyler	ne glycol	25265-71-8	1 - 5 %
	Propan-2-	ol	67-63-0	0.1 - 1 %
New	Jersey Right To Kno	w		
	Water		7732-18-5	70 - 90 %
	Ethanol		64-17-5	5 - 10 %
	Dodecano	ic acid	143-07-7	5 - 10 %
	Ethanolan	nine	141-43-5	1 - 5 %
	Dipropyler	ne glycol	25265-71-8	1 - 5 %
Califo	California Prop 65		es not contain any chemicals l	known to the

The ingredients of this product are reported in the following inventories:

AICS

: All ingredients listed or exempt.

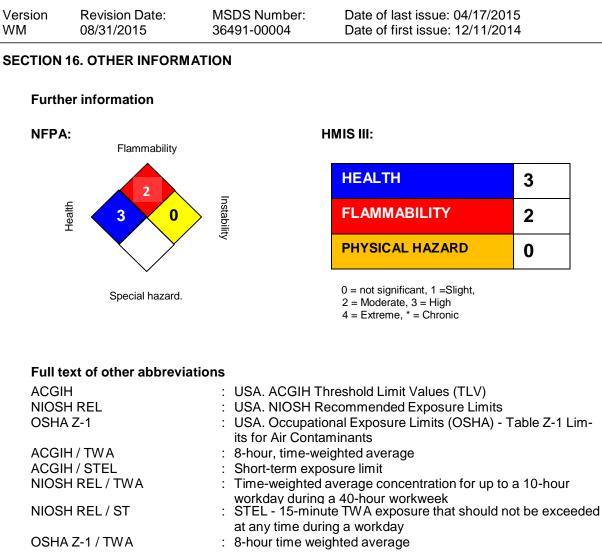
reproductive defects.

State of California to cause cancer, birth, or any other

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 :	Internal technical data, data from raw material SDSs, OECD
compile the Material Safety	eChem Portal search results and European Chemicals Agen-
Data Sheet	cy, http://echa.europa.eu/

Revision Date : 08/31/2015

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

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US / Z8