

Version 1.0	Revision Date: 09/15/2020		DS Number: 00000259961	Date of last issue: - Date of first issue: 09/15/2020	
SECTION	1. IDENTIFICATION				
Produ	ct name	:	SikaFlow-640 For	merly MFlow 640	
Product code		:	0000000055360820		
Manufacturer or supplier's			ails		
Comp	any name of supplier	:	Sika MBCC US L	LC	
Addre	SS	:	201 POLITO AVE Lyndhurst NJ 070		
Emergency telephone		:	ChemTel: +1-813-248-0585		
Recommended use of the o			nical and restriction	ons on use	
Recor	nmended use	:	Product for const	ruction chemicals	
Restri	ctions on use	:	Reserved for indu	strial and professional use.	

## SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with 29 CFR 1910.1200

FLAMMABLE LIQUIDS	:	4
Acute toxicity (Inhalation - vapour)	:	3
Acute toxicity (Oral)	:	4
Acute toxicity (Dermal)	:	4
Skin corrosion/irritation	:	2
Serious eye damage/eye irritation	:	Category 2A
Specific target organ toxicity - single exposure	:	3
Short-term (acute) aquatic hazard	:	3
GHS label elements Hazard pictograms	:	
		$\mathbf{\vee}$
Signal Word	:	Danger





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Hazard Statements		H315 Causes s H312 Harmful ii H331 Toxic if in H302 Harmful ii	erious eye irritation. kin irritation. n contact with skin. haled. swallowed. e respiratory irritation.
Preca	utionary Statements	Prevention:	
		P280 Wear pro face protection. P260 Do not br P210 Keep awa and other ignitic P273 Avoid rele P270 Do not ea	butdoors or in a well-ventilated area. tective gloves/ protective clothing/ eye protection eathe dust or mist. by from heat, hot surfaces, sparks, open flames on sources. No smoking. ease to the environment. t, drink or smoke when using this product. e, hands and any exposed skin thoroughly after
		Response:	
		or doctor/physic P305 + P351 + for several minu to do. Continue P304 + P340 IF keep comfortab P303 + P352 IF and water. P361 Take off in P301 + P330 IF P332 + P313 If tion. P370 + P378 In	P338 IF IN EYES: Rinse cautiously with water utes. Remove contact lenses, if present and eas rinsing. TINHALED: Remove person to fresh air and
		Storage:	
			tainer tightly closed. tore in a well-ventilated place. Keep cool. ted up.
		Disposal:	
		P501 Dispose of waste collection	of contents/container to appropriate hazardous

No data available.

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Components



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Chem	nical name	CAS-No.		Concentration (% w/w)
2,4,6 tris(di	- imethylaminomethyl)ph	90-72-2 ienol		>= 25 - < 50
· · · ·	yl alcohol	98-00-0		>= 25 - < 50
Bis[(c	dimethylamino)methyl]p	henol 71074-89-	-0	>= 7 - < 10

#### SECTION 4. FIRST AID MEASURES

General advice	First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing. Move out of dangerous area. Consult a physician. Show this material safety data sheet to the doctor in attend- ance. Symptoms of poisoning may appear several hours later. Do not leave the victim unattended.
If inhaled :	Keep patient calm, remove to fresh air, seek medical atten- tion.
	Call a physician or poison control center immediately. If unconscious, place in recovery position and seek medical advice.
In case of skin contact	Immediately wash thoroughly with soap and water, seek med- ical attention.
	Take victim immediately to hospital. If on skin, rinse well with water. If on clothes, remove clothes.
In case of eye contact	Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
	Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.
	Induce vomiting immediately and call a physician. Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.
Most important symptoms and effects, both acute and	Harmful if swallowed or in contact with skin. Causes skin irritation.



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delayed			Causes serious eye irritation. Toxic if inhaled. May cause respiratory irritation.			
	Notes	to physician	:	Treat symptomati	cally.	
SEC	CTION 5	5. FIRE-FIGHTING ME	ASL	JRES		
	Suitabl	le extinguishing media	:	Water spray Foam Dry powder Carbon dioxide (C	:02)	
	Unsuitable extinguishing media		:	High volume water jet		
	Specific hazards during fire fighting		:	Do not allow run-o courses.	off from fire fighting to enter drains or water	
	Furthe	r information	:	must not be disch Fire residues and be disposed of in For safety reason rately in closed co	contaminated fire extinguishing water must accordance with local regulations. s in case of fire, cans should be stored sepa-	
		l protective equipment fighters	:	Wear self-contain essary.	ed breathing apparatus for firefighting if nec-	

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- : tive equipment and emer- gency procedures	Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas.
Environmental precautions :	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for : containment and cleaning up	Contain spillage, and then collect with non-combustible ab- sorbent material, (e.g. sand, earth, diatomaceous earth, ver- miculite) and place in container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

## SECTION 7. HANDLING AND STORAGE

Advice on protection against	:	Avoid all sources of ignition: heat, sparks, open flame.
fire and explosion		

Do not spray on a naked flame or any incandescent material.



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				Keep away from c ignition.	open flames, hot surfaces and sources of
F	Advice (	on safe handling	:	Avoid contact with For personal prote Smoking, eating a plication area. Provide sufficient	pors/dust. obtain special instructions before use.
C	Conditio	ons for safe storage	:	place. Containers which kept upright to pre Observe label pre	phtly closed in a dry and well-ventilated are opened must be carefully resealed and event leakage. cautions. ons / working materials must comply with
		information on stor- nditions	:		riginal container in a cool, dry, well- way from ignition sources, heat or flame. t sunlight.
Ν	Materia	ls to avoid	:	Observe VCI stora	age rules.
	<sup>-</sup> urther age stal	information on stor- bility	:	No data available	

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type	Control parame-	Basis
Components	CAS-NO.			Dasis
		(Form of	ters / Permissible	
		exposure)	concentration	
furfuryl alcohol	98-00-0	REL value	10 ppm	NIOSH
,			40 mg/m3	
		STEL value	15 ppm	NIOSH
			60 mg/m3	
		PEL	50 ppm	29 CFR
			200 mg/m3	1910.1000
				(Table Z-1)
		TWA value	10 ppm	29 CFR
			40 mg/m3	1910.1000
			5	(Table Z-1-A)
		STEL value	15 ppm	29 CFR
			60 mg/m3	1910.1000
				(Table Z-1-A)
		TWA value	0.2 ppm	ACGIHTLV

#### Ingredients with workplace control parameters



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		1					
				TWA	0.2 ppm	ACGIH	
				TWA	10 ppm 40 mg/m3	NIOSH RE	
				ST	15 ppm 60 mg/m3	NIOSH RE	
				TWA	50 ppm 200 mg/m3	OSHA Z-1	
				TWA	10 ppm 40 mg/m3	OSHA P0	
				STEL	15 ppm 60 mg/m3	OSHA P0	
Perso	onal protective equip	ment					
Respi	ratory protection	:	Wear approp may be exce		respirator when expo	sure limits	
Hand	protection						
Re	emarks	:			c workplace should be protective gloves.	e discussed	
Eye p	rotection	:	Eye wash bottle with pure water Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems.				
Skin a	and body protection	:	Impervious clothing Choose body protection according to the amount and con- centration of the dangerous substance at the work place.				
Protec	ctive measures	:	Avoid exposu Handle in acc and safety pr	t with the skir ire - obtain sp cordance with actice.	urs/aerosols. n, eyes and clothing. pecial instructions befor n good building materi pothing is recommende	als hygiene	
Hygie	ne measures	:	Avoid contact with skin, eyes and clothing. When using do not eat or drink. When using do not smoke. Wash hands before breaks and immediately after handling the product.				
CTION	9. PHYSICAL AND C	НЕМІ	CAL PROPER	TIES			
	arance		liquid				

Color : amber

Odor : ammonia-like, slight odour

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	Odor Threshold		:	No data available	No data available		
	рН		:	neutral to slightly	alkaline		
	Melting	point	:	No applicable inf	ormation available.		
	Boiling	point	:	640 °F / 338 °C			
	Flash p	oint	:	167 °F / 75 °C			
	Evapor	ation rate	:	No applicable inf	ormation available.		
	Flamma	ability (solid, gas)	:	not determined			
		explosion limit / Upper bility limit	:	16.3 %(V)			
		explosion limit / Lower bility limit	:	1.8 %(V)			
	Vapor p	pressure	:	No applicable inf	ormation available.		
	Relative	e vapor density	:	Heavier than air.			
	Relative density		: No applicable information available.				
	Density	,	:	1.03 g/cm3 (68 °	F / 20 °C)		
	Bulk de	nsity	:	not applicable			
	Solubili Wat	ty(ies) er solubility	:	slightly soluble			
	Solu	bility in other solvents	:	No applicable inf	ormation available.		
	Partition octanol	n coefficient: n- /water	:	No data available	Э.		
	Autoign	ition temperature	:	No data available			
	Decom	position temperature	:	No decompositio scribed/indicated	n if stored and handled as pre-		
	Viscosi <sup>.</sup> Visc	ty osity, dynamic	:	No data available	3.		
	Visc	osity, kinematic	:	No applicable inf	ormation available.		
	Explosi	ve properties	:	Not explosive Not explosive			
	Oxidizir	ng properties	:	Based on its stru as oxidizing.	ctural properties the product is not classified		

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	Sublimation point Molecular weight		:	No applicable information available. No data available	
SEC	SECTION 10. STABILITY AND RE			ΤΙVΙΤΥ	
	Reactivity		:	No decomposition if stored and applied as directed.	
	Chemical stability		:	No decompositio	n if stored and applied as directed.
	Possibility of hazardous reac- tions		:	No decomposition if stored and applied as directed. Vapors may form explosive mixture with air.	
	Conditions to avoid		:	Heat, flames and sparks.	
	Incomp	patible materials	:	Strong acids Strong bases Strong oxidizing Strong reducing	
	Hazaro produc	lous decomposition ts	:	carbon oxides nitrogen oxides Aldehydes	

#### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Harmful if swallowed or in contact with skin. Toxic if inhaled.

#### Product:

Acute oral toxicity	:	Remarks: No applicable information available.			
Acute inhalation toxicity	:	Remarks: No applicable information available.			
Acute dermal toxicity	:	Remarks: No applicable information available.			
Skin corrosion/irritation Causes skin irritation. <u>Product:</u> Remarks	:	May cause skin irritation in susceptible persons.			
Serious eye damage/eye irritation Causes serious eye irritation.					

#### Product:

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Respiratory or skin sensitization														
-	Skin sensitization Not classified based on available information.													
Respiratory sensitization Not classified based on available information.														
Product:														
Rema		: Can sensitize sons.	the skin and/or respiratory tract of allergic per-											
	n cell mutagenicity lassified based on ava	ailable information.												
Not classified based on available information. <b>Carcinogenicity</b> Not classified based on available information.														
Reproductive toxicity   Not classified based on available information.   STOT-single exposure   May cause respiratory irritation.   STOT-repeated exposure   Not classified based on available information.														
							-	Aspiration toxicity Not classified based on available information.						
							Furth	er information						
<u>Prod</u> Rema		: No data availa	ble											
ECTION	12. ECOLOGICAL IN	NFORMATION												
	<b>oxicity</b> ata available													
	<b>stence and degrada</b> ata available	bility												
Bioa	Bioaccumulative potential													
Com	Components:													

#### 2,4,6-tris(dimethylaminomethyl)phenol:

Partition coefficient: n- octanol/water	:	Pow: 0.219 (70.7 °F / 21.5 °C) log Pow: -0.66 (70.7 °F / 21.5 °C)
		Method: other (measured) GLP: ves

## Bis[(dimethylamino)methyl]phenol:

Partition coefficient: n- : log Pow: 1.02 (77 °F / 25 °C)



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octan	ol/water	Method: othe	er (calculated)
No da	l <b>ity in soil</b> ata available r <b>adverse effects</b>		
<u>Produ</u> Additi matio	onal ecological infor-		ental hazard cannot be excluded in the event of al handling or disposal. quatic life.

### SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods		
Waste from residues	:	Do not contaminate ponds, waterways or ditches with chemi- cal or used container. Dispose of in accordance with national, state and local regula- tions. Do not discharge into drains/surface waters/groundwater.
Contaminated packaging	:	Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the sub- stance/product.

#### SECTION 14. TRANSPORT INFORMATION

#### International Regulations

UNRTDG		
UN number	:	UN 2735
Proper shipping name	:	AMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL)
Class	:	8
Packing group	:	III
Labels	:	8
IATA-DGR		
UN/ID No.	:	UN 2735
Proper shipping name	:	AMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL)
Class	:	8
Packing group	:	III
Labels	:	Corrosive
Packing instruction (cargo aircraft)	:	856
Packing instruction (passen- ger aircraft)	:	852
IMDG-Code		
UN number	:	UN 2735
Proper shipping name	:	AMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL)





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Class Packing group Labels EmS Code Marine pollutant		: 8 : III : 8 : F-A, S- : no	-В
Transport in bulk according Not applicable for product as		-	II of MARPOL 73/78 and the IBC Code
Domestic regulation			
	<b>FR</b> D/NA number er shipping name		35 ES, LIQUID, CORROSIVE, N.O.S. -TRIS(DIMETHYLAMINOMETHYL)PHENOL)
Label ERG	ng group	: 8 : III : CORR : 153 : no	

#### Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

#### **SECTION 15. REGULATORY INFORMATION**

#### **US State Regulations**

<b>Pennsylvania Right To Know</b> furfuryl alcohol listed	98-00-0
New Jersey Right To Know furfuryl alcohol listed	98-00-0
California Prop. 65	

WARNING: This product can expose you to chemicals including furfuryl alcohol, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

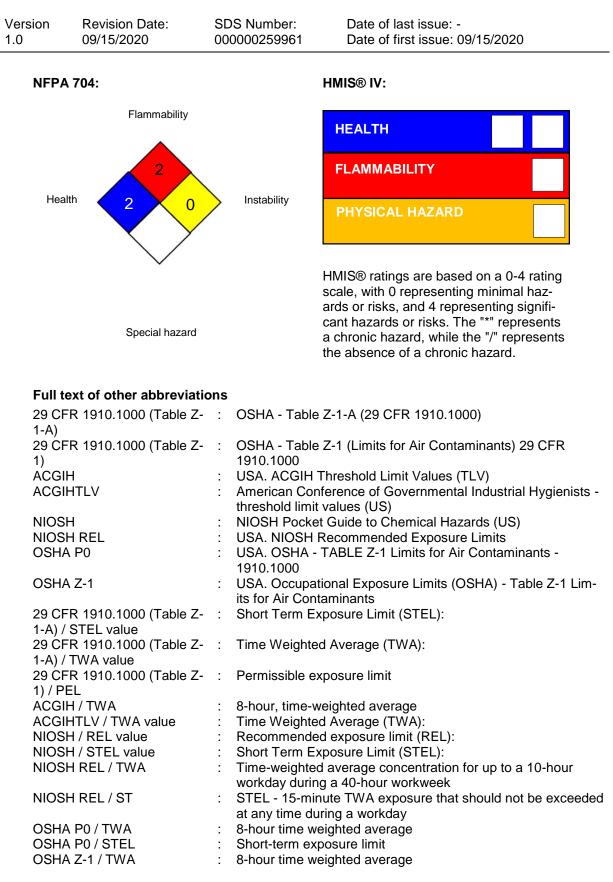
#### The ingredients of this product are reported in the following inventories:

TSCA : On the inventory, or in compliance with the inventory

#### **SECTION 16. OTHER INFORMATION**

#### Further information





AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensa-



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tion, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI -Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB -Very Persistent and Very Bioaccumulative

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