WeylClean® SAS 93



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SECTION 1. IDENTIFICATION

Product name	:	WeylClean® SAS 93
Details of the supplier of the	e sa	afety data sheet
Company	:	Catexel GmbH Industriepark Kalle-Albert Kasteler Straße 45 Wiesbaden 65203 Germany
Telephone E-mail address Responsi- ble/issuing person		+ 49 (0)611 962 5658 +49 69 4109 2710 sdb@cassella-chemiepark.de
Emergency telephone num	ber	
Emergency telephone num- ber	:	24-7 Emergency Advice North America +1 8772717077
Recommended use of the c	her	nical and restrictions on use
Recommended use	:	Detergent

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)			
Acute toxicity (Oral)	:	Category 4	
Skin irritation	:	Category 2	
Serious eye damage	:	Category 1	
GHS label elements			
Hazard pictograms	:		
Signal word	:	Danger	
Hazard statements	:	H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage.	
Precautionary statements	:	Prevention: P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear eye protection/ face protection. P280 Wear protective gloves.	
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				Response: P301 + P312 IF SWALLOWED: Call a POISON CENTER/ do tor if you feel unwell. P302 + P352 IF ON SKIN: Wash with plenty of soap and wate P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and ea to do. Continue rinsing. P310 Immediately call a POISON CENTER/ doctor. P330 Rinse mouth. P332 + P313 If skin irritation occurs: Get medical advice/ attention. P362 Take off contaminated clothing and wash before reuse.			
				Disposal: P501 Dispose of posal plant.	contents/ container to an approved waste dis-		
	Other h None ki	nazards nown.					
SEC	TION 3.	COMPOSITION/INF	ORN	ATION ON INGRE	EDIENTS		
	Substar	nce / Mixture	:	Substance			
	Substar	nce name	:	Sulfonic acids, C1 CAS 68037-49-0	0-C18-Alkane, Sodium salts (93% active)		
	CAS-No	Э.	:	Not Assigned			
SEC	TION 4.	FIRST AID MEASU	RES				
	Genera	l advice	:	Remove/ Take of	f immediately all contaminated clothing.		
	lf inhale	ed	:	If inhaled, remove Get medical advice			
	In case	of skin contact	:	In case of contact	, immediately flush skin with plenty of water.		
	In case	of eye contact	:	In the case of cor of water and seek	tact with eyes, rinse immediately with plenty medical advice.		
	If swalld	owed	:	Get medical atten	tion immediately.		
		portant symptoms ects, both acute and I	:	None known. None known.			
	Notes to	o physician	:	Treat symptomati	cally.		

SECTION 5. FIREFIGHTING MEASURES

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Ś	Suitable	e extinguishing media	:	Water spray jet Foam	
Unsuitable extinguishing media		:	Carbon dioxide (C Dry powder High volume wate	,	
	Specific hazards during fire- fighting		:	In case of fire haz produced such as Carbon monoxide Carbon dioxide (C	
	Special for firef	protective equipment ighters	:	Self-contained bro	eathing apparatus

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Use personal protective equipment. Wearing appropriate personal protective equipment, contain spill, ventilate area of spill or leak, remove all sparking devices or ignition sources, carefully collect into suitable container.
Environmental precautions	:	Do not let product enter drains. Do not contaminate water. Avoid release to the environment.
Methods and materials for containment and cleaning up	:	Use mechanical handling equipment.
		Flush away traces with water.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.
Advice on safe handling	:	Handle and open container with care. Avoid dust accumulation in enclosed space.
		Minimize dust generation and accumulation.
Conditions for safe storage	:	Keep only in the original container. Keep container tightly closed.
Further information on stor- age conditions	:	Store in a dry place.
		hygroscopic
Materials to avoid	:	Keep away from food and drink.



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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

No level has been established by OSHA, NIOSH, ACGIH.

Engineering measures	:	Handle only in a place equipped with local exhaust (or other
		appropriate exhaust).

Personal protective equipment

Hand protection		
Break through time	:	> 481 min
Glove thickness	:	>= 0.5 mm
Break through time	:	> 481 min
Glove thickness	:	>= 0.5 mm
Remarks	:	Long-term exposure Nitrile rubber Impervious gloves Short-term exposure Nitrile rubber Impervious gloves
Eye protection	:	Safety glasses
Skin and body protection	:	Protective suit
Protective measures	:	Avoid contact with skin. Avoid contact with eyes. Do not breathe dust.
Hygiene measures	:	Wash hands before breaks and at the end of workday. Use protective skin cream before handling the product. Take off immediately all contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Pastilles
Colour	:	yellow
Odour	:	characteristic

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	рH		:	ca. 7 (68 °F / 20 Concentration: 1	
	Melting	point/range	:	> 662 °F / > 350 Method: DSC	°C
	Boiling point/boiling range		:	> 680 °F / > 360 Decomposition: r Method: DSC	
	Flash p	oint	:	Not applicable	
	Evapor	ation rate	:	Not applicable	
	Self-igr	hition	:	not determined	
	Burning	g number	:	not determined	
		explosion limit / Upper bility limit	:	Not applicable	
		explosion limit / Lower bility limit	:	Not applicable	
	Vapour	pressure	:	< 0.00001 hPa	
	Relative	e vapour density	:	Not applicable	
	Relative	e density	:	No data available)
	Density	,	:	0.62 g/cm3	
	Bulk de	ensity	:	ca. 600 kg/m3	
	Solubili Wat	ty(ies) er solubility	:	320 g/l(77 °F / 2	25 °C)
	Solu	ubility in other solvents	:	No data available)
	Partitio octanol	n coefficient: n- /water	:	log Pow: 0.2	
	Auto-ig	nition temperature	:	Not applicable	
	Decom	position temperature	:	> 680 °F / > 360	°C
	Viscosi Visc	ty cosity, dynamic	:	Not applicable	
	Visc	osity, kinematic	:	Not applicable	
	Flow tir	ne	:	Not applicable	
	Explosi	ve properties	:	No data available	

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(Oxidizing properties	:	No data available	9
S	Surface tension	:	34 mN/m, 68 °F /	20 °C
Γ	Dust explosion class	:	No data available	9
ſ	Minimum ignition energy	:	No data available	9
F	Particle size	:	No data available	9
SECT	TION 10. STABILITY AND RE	EAC	ΤΙVITY	
F	Reactivity	:	See section 10.3	. "Possibility of hazardous reactions"
(Chemical stability	:	Stable under nor	mal conditions.
	Possibility of hazardous reac- ions	:	No dangerous re Stable Stable	action known under conditions of normal use.
(Conditions to avoid	:	None known.	

Incompatible materials	: not known
Hazardous decomposition products	: Carbon monoxide Carbon dioxide (CO2) Sodium oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely route no Acute toxicity	es of exposure
Product:	
Acute oral toxicity	 LD50 (Rat, male and female): > 500 - 2,000 mg/kg Method: OECD Test Guideline 401 GLP: yes
Acute inhalation toxicity	: Remarks: No data available
Acute dermal toxicity	: LD50 (Mouse, female): > 2,000 mg/kg Method: Expert judgement GLP: no
Skin corrosion/irritation	
Product:	
Assessment	: Irritating to skin.
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Result		:	irritating	
Seriou	ıs eye damage/eye	irritati	on	
<u>Produ</u>	<u>ct:</u>			
Result Assess		:		damage to eyes.
Metho		:	OECD Test Gu	adamage to eyes. Jideline 405
Remar	ks	:	The toxicologic composition.	cal data has been taken from products of similar
Respir	ratory or skin sensi	tisatio	n	
<u>Produ</u>	<u>ct:</u>			
Specie		:	Guinea pig	
Metho Result		:	OECD Test Gunegative	Jideline 406
GLP		:	no	
Remar	ks	:	The toxicologic composition.	cal data has been taken from products of similar
Germ	cell mutagenicity			
<u>Produ</u>	<u>ct:</u>			
Germ o Assess	cell mutagenicity - sment	:	Animal testing	did not show any mutagenic effects.
Carcin	ogenicity			
<u>Produ</u>	<u>ct:</u>			
Remar	ks	:	No data availa	ble
Carcin ment	ogenicity - Assess-	:	No evidence o	f carcinogenicity in animal studies.
Repro	ductive toxicity			
Produ	<u>ct:</u>			
Reproo sessm	ductive toxicity - As- ent	:	No toxicity to re	eproduction
стот	- single exposure			
<u>Produ</u>	<u>ct:</u>			
Remar	ks	:	No data availa	ble
stot	- repeated exposur	е		
Produ	<u>ct:</u>			
Remar	d co		No data availa	blo

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Repeated dose toxicity

Product:	
Species NOAEL Application Route Method GLP	: Rat : 200 mg/kg : oral (feed) : Other : no
Species NOAEL Method GLP	: Mouse : 500 mg/kg : Other : no
Aspiration toxicity	
<u>Product:</u> No data available	
Further information	
Product:	

Remarks

: No data available

SECTION 12. ECOLOGICAL INFORMATION

|--|

Toxicity to fish	:	LC50 (Danio rerio (zebra fish)): 1 - 10 mg/l Exposure time: 96 h Test Type: static test Method: OECD Test Guideline 203 GLP: no
Toxicity to daphnia and other aquatic invertebrates	•	EC50 (Daphnia magna (Water flea)): 9.81 mg/l Exposure time: 48 h Method: OECD Test Guideline 202 GLP: yes
Toxicity to algae/aquatic plants	:	EC50 (Desmodesmus subspicatus (green algae)): > 61 mg/l End point: Growth rate Exposure time: 72 h Analytical monitoring: yes Method: OECD Test Guideline 201 GLP: yes
Toxicity to fish (Chronic tox- icity)	:	NOEC (Oncorhynchus mykiss (rainbow trout)): 0.85 mg/l End point: Other Exposure time: 28 d

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			Analytical monitor Method: OECD Te GLP: yes	
	y to daphnia and other c invertebrates (Chron- ity)	:	NOEC (Daphnia n End point: Reprod Exposure time: 22 Test Type: semi-s Method: OECD Te GLP: yes	2 d tatic test
Toxicit	y to microorganisms	:	NOEC (Pseudomo End point: Toxicity Test Type: Growth Method: DIN 3841 GLP: no	n inhibition
Toxicit ganism	y to soil dwelling or- Is	:	NOEC (Eisenia fe Exposure time: 56 End point: Reproc Method: OECD Te GLP: yes	luction
Persis	tence and degradabili	ity		
<u>Produ</u> Biodeg	<u>ct:</u> ıradability	:	GLP: no	ed sludge 78 %
				39 %
			Test Type: aerobid Inoculum: activate Biodegradation: 9 Exposure time: 34 Method: OECD 30 Remarks: Readily OECD test.	ed sludge 06.2 % ⊧ d
Chemi (COD)	cal Oxygen Demand	:	2,065 mg/g	
Dissol	ved organic carbon	:	400 mg/g	

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n coefficient n-octanol/water, ot expected.
106 orb on soil.
n coefficient n-octanol/water, ot expected.
ed to be persistent, bioaccumu- ostance is not considered to be cumulating (vPvB).
wed to enter drains, water
2

Disposal methods		
Waste from residues	:	Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.
Contaminated packaging	:	Packaging that is not properly emptied must be disposed of as the unused product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good



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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.

National Regulations

49 CFR

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

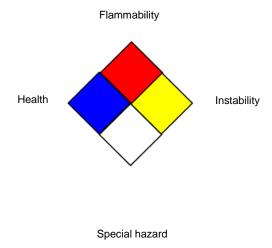
SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

Components	CAS-No.	Component TPQ (lbs)		
SARA 313	Section 313 of the E	This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.		

SECTION 16. OTHER INFORMATION

Further information

NFPA 704:



HMIS® IV:



HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, 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



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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

Observe national and local legal requirements Avoid contact with skin and eyes. Wear suitable protective equipment. Wash thoroughly after handling.

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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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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