

Version 1.2	Revision Date: 09/12/2023		Date of last issue: 09/06/2023 Date of first issue: 08/30/2023				
SECTION	I 1. IDENTIFICATION						
Prod	uct name	: NEOBEE® 105	53				
Prod	uct code	: 000000000001	052348				
Man	ufacturer or supplier's	details					
Com	pany name of supplier	: Stepan Specialty Products, LLC					
Addr	ess	: 1101 Skokie Blvd, Suite 500 Northbrook IL 60062					
Telep	ohone	: (847) 446-7500)				
Eme	rgency telephone	Medical	1-800-228-5635 (Available 24 hours a day. SDS/Product information may not be availabe for the emergency service.)				
		Chemtrec Chemtrec Int'l	1-800-424-9300 1-703-527-3887				
Reco	ommended use of the c	chemical and restric	ctions on use				
Reco	ommended use	: Food additive Cosmetic additive					

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a hazardous substance or mixture.

GHS label elements

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture	:	Substance
Substance name	:	Glycerides, mixed decanoyl and octanoyl
CAS-No.	:	73398-61-5

Components

Chemical name	CAS-No.	Concentration (% w/w)
Glycerides, mixed decanoyl and oc-	73398-61-5	90 - 100
tanoyl		



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SECTION	4. FIRST AID MEASUR	ES
Gene	ral advice	 Move out of dangerous area. Show this material safety data sheet to the doctor in attendance. Do not leave the victim unattended.
lf inha	aled	 If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In cas	se of skin contact	: Wash off with soap and water. Call a physician if irritation develops or persists.
In cas	se of eye contact	 Flush eyes with water as a precaution. Remove contact lenses. If eye irritation persists, consult a specialist.
lf swa	allowed	 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.
	important symptoms iffects, both acute and ed	: None known.
Notes	s to physician	: Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Dry powder. Carbon dioxide. Water spray.
Unsuitable extinguishing media	:	High volume water jet
Specific hazards during fire fighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion prod- ucts	:	Carbon oxides
Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for fire-fighters	:	Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- : Use personal protective equipment.



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tive equipment and emer- gency procedures				
En	vironmental 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.	
	thods and materials for ntainment and cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.	
SECTION 7. HANDLING AND STORAGE				
	vice on protection against and explosion	:	Normal measures for preventive fire protection.	
Ad	vice on safe handling	:	For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national	

regulations.

kept upright to prevent leakage.

Strong oxidizing agents

the technological safety standards.

place.

Keep container tightly closed in a dry and well-ventilated

Containers which are opened must be carefully resealed and

Electrical installations / working materials must comply with

Further information on stor- : No decomposition if stored and applied as directed. age stability

Conditions for safe storage

Materials to avoid

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

1

:

Ingredients with workplace control parameters Contains no substances with occupational exposure limit values. Personal protective equipment Respiratory protection In case of insufficient ventilation, wear suitable respiratory : equipment. No personal respiratory protective equipment normally required. Hand protection For prolonged or repeated contact use protective gloves. Remarks : Eye protection Wear safety glasses with side shields or goggles. :



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Skin and	d body protection	:	Impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Hygiene	Hygiene measures		Wash hands before breaks and at the end of workday.
SECTION 9.	PHYSICAL AND CH	IEMI	CAL PROPERTIES
Appeara	ance	:	liquid
Color		:	colorless
Odor		:	Odorless
рН		:	6 - 8 (68 °F / 20 °C) Concentration: 10 g/l
Melting	point/freezing point	:	23.09 °F / -4.95 °C
Boiling p	point/boiling range	:	> 572 °F / > 300 °C
Flash po	pint	:	495.3 °F / 257.4 °C
			Method: Pensky-Martens closed cup
Relative	edensity	:	0.94 - 0.95 (68 °F / 20 °C)
Solubilit Wate	y(ies) er solubility	:	< 1 mg/l insoluble
Partition octanol/	n coefficient: n- water	:	log Pow: 8.2 - 10.9 QSAR, Key study
Viscosit Visco	y osity, kinematic	:	26.3 - 35.1 mm2/s (68 °F / 20 °C)
Explosiv	ve properties	:	Not applicable
Oxidizin	g properties	:	Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Stable under recommended storage conditions.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reac- tions	:	Stable under normal conditions.



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Conditions to avoid	: Incompatible materials
Incompatible materials	: Strong oxidisers, alkalis
Hazardous decompositior products	n : Carbon monoxide, carbon dioxide and unburned hydrocar- bons (smoke).
ECTION 11. TOXICOLOGIC	
Acute toxicity	
Product:	
Acute oral toxicity	: LD50 (Rat): > 5 g/kg
Acute inhalation toxicity	 LC50 (Rat): > 1.86 mg/l Exposure time: 6 h Test atmosphere: dust/mist Method: OECD Test Guideline 403
Acute dermal toxicity	 LD50 (Rat): > 2,000 mg/kg Assessment: The substance or mixture has no acute dermal toxicity
Skin corrosion/irritation	n
Product:	
Assessment	: Not classified
Serious eye damage/eye	re irritation
Product:	
Assessment	: Not classified
Respiratory or skin sens	isitization
Product:	
Assessment	: Does not cause skin sensitization.
Assessment	: Does not cause respiratory sensitization.
Germ cell mutagenicity	,
Product:	
Germ cell mutagenicity - Assessment	: Contains no ingredient listed as a mutagen

Carcinogenicity

Product:

Carcinogenicity - Assess-	:	Not classifiable as a human carcinogen.
ment		



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IARC OSHA NTP	No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens. No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA	identified as probable, possible or confirmed human carcinogen by IARC.No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.No ingredient of this product present at levels greater than or equal to 0.1% is
	on OSHA's list of regulated carcinogens. No ingredient of this product present at levels greater than or equal to 0.1% is
NTP	
Reproductive	e toxicity
Product:	
Reproductive sessment	toxicity - As- : No toxicity to reproduction
STOT-single	exposure
Product:	
Assessment	: The substance or mixture is not classified as specific target organ toxicant, single exposure.
STOT-repeat	ed exposure
Product:	
Assessment	: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
Aspiration to	oxicity
Product:	
No aspiration	toxicity classification
Further infor	mation
Product:	
Remarks	: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish	:	LC50 (Fish): > 53 mg/l Exposure time: 96 h Remarks: No toxicity at the limit of solubility.
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia): > 100 mg/l Exposure time: 48 h



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			Remarks: No toxicity at the limit of solubility.
Toxic plant	sity to algae/aquatic s	:	EC50 (algae): > 0.449 mg/l Exposure time: 72 h Remarks: No toxicity at the limit of solubility.
	city to daphnia and other tic invertebrates (Chron- cicity)	:	NOEC (Daphnia magna (Water flea)): >= 0.01 mg/l Exposure time: 21 d Method: OECD Test Guideline 211 Remarks: No toxicity at the limit of solubility.
Ecot	oxicology Assessment		
Acute	e aquatic toxicity	:	This product has no known ecotoxicological effects.
Chro	nic aquatic toxicity	:	This product has no known ecotoxicological effects.
Pers	istence and degradabil	ity	
<u>Prod</u> Biode	u ct: egradability	:	Test Type: aerobic Result: Readily biodegradable. Biodegradation: 92.71 % Exposure time: 28 d
Bioa	ccumulative potential		
<u>Prod</u> Bioad	u <u>uct:</u> ccumulation	:	Remarks: No data available
Mobi	ility in soil		
	uct: bution among environ- al compartments	:	log Koc: 5.883 - 7.925
Othe	r adverse effects		
Prod Ozor	uct: ne-Depletion Potential	:	Regulation: 40 CFR Protection of Environment; Part 82 Pro- tection of Stratospheric Ozone - CAA Section 602 Class I Substances Remarks: This product neither contains, nor was manufac- tured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
Addit matic	ional ecological infor- on	:	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.



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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods	
Waste from residues	 The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.
Contaminated packaging	: Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous 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.

Domestic regulation

49 CFR

Not regulated as a dangerous good

Special precautions for user

Not applicable

SECTION 15. REGULATORY INFORMATION

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 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards	:	No SARA Hazards
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.



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Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

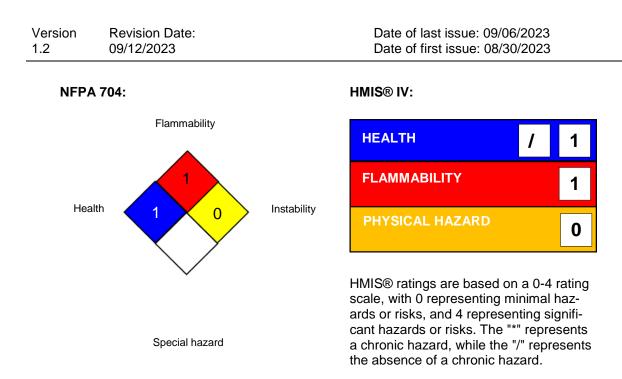
The ingredients of this product are reported in the following inventories:

TSCA	:	On the inventory, or in compliance with the inventory
AIIC	:	On the inventory, or in compliance with the inventory
DSL	:	On the inventory, or in compliance with the inventory
IECSC	:	All components are listed on the inventory, regulatory obligations/restrictions apply
ENCS	:	On the inventory, or in compliance with the inventory
ISHL	:	On the inventory, or in compliance with the inventory
KECI	:	On the inventory, or in compliance with the inventory
NZIoC	:	On the inventory, or in compliance with the inventory
PICCS	:	On the inventory, or in compliance with the inventory
TCSI	:	On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

Further information





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 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; TECI - Thailand Existing Chemicals 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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