

ASIN/Item No.: SSC 180

Brand: SO SLIME DIY

Name: ICE CREAM FACTORY

Manufacture: Canal Toys

Fluffy Slime / Cream Clay / ICEE slime

Version: V2.0.0.1

Report No.: HGNM21I61U

Creation Date: 2021/05/18

Revision Date: 2021/05/18



*Prepared according to UN GHS (the 8th revised edition)

1 Identification

Product identifier

Product Name	Fluffy Slime / Cream Clay / ICEE slime
CAS No.	Not applicable
EC No.	Not applicable
Molecular Formula	Not applicable

Recommended use of the product and restrictions on use

Relevant identified uses	Please consult manufacturer.
Uses advised against	Please consult manufacturer.

Details of the supplier

Name of the company	Canal Toys Ltd
Address of the company	18, rue Curnonsky, 75017 Paris, France
Post code	
Telephone number	+ 33 1 47 15 70 50
Fax number	
E-mail address	alexander.putzschke@canaltoys.fr

Emergency phone number

Emergency phone number	Société / Organisme: INRS / ORFILA Tel. +33 (0) 1 45 42 59 59 http://www.centres-antipoison.net
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2 Hazard(s) identification

Hazard classification according to GHS

Hazard classification according to GHS	Not applicable
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GHS Label elements

Hazard pictograms	Not applicable
Signal word	Not applicable

Hazard statements

Hazard statements	Not applicable
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Precautionary statements

◆ Prevention

Prevention	Not applicable
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◆ Response

Response	Not applicable
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◆ Storage

Storage	Not applicable
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◆ Disposal

Disposal	Not applicable
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Hazard description

◆ Physical and chemical hazards

	Liquid, soluble in water, no harm in general situation.
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◆ Health hazards

Inhaled	Inhalation of the product may produce adverse health effects or irritation of the respiratory tract following discomfort.
Ingestion	Accidental ingestion of the product may be harmful to the health of the individual.
Skin Contact	Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects.
Eye	This product may cause temporary discomfort following direct contact with the eye.

◆ Environmental hazards

	Please refer to 12th chapter of SDS.
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3 Composition/information on ingredients**Substance/mixture**

	Mixture
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Component	CAS No.	EC No.	Concentration (wt, %)
AQUA(Water)	7732-18-5	231-791-2	69.685~74.035
Agar Powder	9002-18-0	232-658-1	16.5~17.75
COPOLYMEY	25214-39-5	607-652-0	5.570
POLYVINYL ALCOHOL	9002-89-5	618-340-9	2.225~5.275
GLYCERIN	56-81-5	200-289-5	1.500
Sodium Dehydroacetate	4418-26-2	224-580-1	0.050
Phenoxyethanol	122-99-6	204-589-7	0.050
ISOBUTANE	75-28-5	200-857-2	0.030
BORAX	1303-96-4	603-411-9	0.025
Denatonium benzoate	3734-33-6	223-095-2	0.0150
May Contain			
FD&C YELLOW NO.5 (1934-21-0)	1934-21-0	217-699-5	0~0.035
FD&C RED NO.3 (CI 45430)	16423-68-0	240-474-8	0~0.033
FD&C Blue no.1 (CI 42090)	3844-45-9	223-339-8	0~0.032

Titanium Dioxide (CI 77891)	13463-67-7	236-675-5	0~0.018
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4 First-aid measures

Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
Skin contact	No harm in general situation. First aid is not needed.
Ingestion	Never give anything by mouth to an unconscious person. Call a physician immediately.
Inhalation	Move victim into fresh air. If breathing is difficult, give oxygen and consult a physician immediately.
Protecting of first-aiders	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

Most important symptoms/effects, acute and delayed

1	Please see section 11.
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Indication of any immediate medical attention and special treatment needed

1	Treat symptomatically.
2	Symptoms may be delayed.

5 Fire-fighting measures

Extinguishing media

Suitable extinguishing media	Use extinguishing media suitable for surrounding area.
Unsuitable extinguishing media	There is no restriction on the type of extinguisher which may be used.

Specific hazards arising from the substance or mixture

1	Development of hazardous combustion gases or vapor possible in the event of fire.
2	Not considered a significant fire risk, however containers may burn.

Special protective equipment and precautions for fire-fighters

1	As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
2	Fight fire from a safe distance, with adequate cover.
3	Prevent fire extinguishing water from contaminating surface water or the ground water system.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

1	Use personal protective equipment, do not breathe gas/mist/vapour/spray.
2	Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.
3	Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Environmental precautions

1	Prevent further leakage or spillage if safe to do so.
2	Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up

1	Cut off the source of the leak as much as possible.
2	Keep leaks in a ventilated place.
3	Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.
4	Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.
5	Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container.

7 Handling and storage

Precautions for safe handling

1	Handling is performed in a well ventilated place.
2	Avoid contact with eyes.
3	Keep away from heat/sparks/open flames/ hot surfaces.

Conditions for safe storage, including any incompatibilities

1	Keep containers tightly closed.
2	Keep containers in a dry, cool and well-ventilated place.
3	Keep away from heat/sparks/open flames/hot surfaces.
4	Store away from incompatible materials and foodstuff containers.

8 Exposure controls/personal protection

Control parameters

Component	Country/Region	Limit value - Eight hours		Limit value - Short term	
		ppm	mg/m ³	ppm	mg/m ³
GLYCERIN	USA - OSHA	-	15	-	-
	South Korea	-	10	-	-
	Ireland	-	10	-	-
	Germany (DFG)	-	50	-	100
	Belgium	-	10	-	-
	Australia	-	10	-	-
Phenoxyethanol	Switzerland	20	110	40	220
	Poland	-	230	-	-
	Germany (DFG)	20	110	40	220
	Germany (AGS)	20	110	40	220
	Canada - Ontario	25	141	-	-
	Austria	20	110	20	110
ISOBUTANE	Switzerland	800	1900	-	-
	New Zealand	-	-	-	-

	Ireland	1000	-	-	-
	Germany (DFG)	1000	2400	4000	9600
	Germany (AGS)	1000	2400	4000	9600
	Canada - Ontario	1000	-	-	-
	Belgium	1000	-	-	-
	Belgium	1000	-	-	-
BORAX	South Korea	-	5	-	-
	Ireland	-	5	-	-
	Germany (DFG)	-	0.75	-	0.75
	Denmark	-	2	-	4
	Canada - Ontario	-	2	-	6
	Australia	-	5	-	-
Titanium Dioxide (CI 77891)	USA - OSHA	-	15	-	-
	South Korea	-	10	-	-
	Ireland	-	10	-	-
	France	-	11	-	-
	Denmark	-	6	-	12
	Australia	-	10	-	-

◆ Biological limit values

Biological limit values	No relevant regulations
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◆ Monitoring methods

1	EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
2	GBZ/T 300.1~GBZ/T 300.160-2017; GBZ/T 300.161~GBZ/T 300.164-2018 Determination of toxic substances in workplace air (Series standard).

Engineering controls

1	Ensure adequate ventilation, especially in confined areas.
2	Ensure that eyewash stations and safety showers are close to the workstation location.
3	Set up emergency exit and necessary risk-elimination area.
4	Handle in accordance with good industrial hygiene and safety practice.

Personal protection equipment

General requirement	No special requirements, please see the description below.
Eye protection	In general situation, eye protection is not needed. In the production process, when contacting with vapour or dust, tightly fitting safety goggles.
Hand protection	In general situation, hand protection is not needed.
Respiratory protection	In general situation, respiratory protection is not needed. If exposure limits are exceeded or if irritation or other symptoms are experienced, wear dust proof mask or gas defence mask.
Skin and body protection	In general situation, skin and body protection are not needed.

9 Physical and chemical properties and safety characteristics

Physical and chemical properties

Physical state	Solid
Colour	white/yellow/pink/blue
Odor	No information available
Odor threshold	No information available
pH	No information available
Melting point/freezing point(°C)	No information available
Initial boiling point and boiling range(°C)	>35
Flash point(Closed cup, °C)	No information available
Evaporation rate	No information available
Flammability	Not flammable
Upper/lower explosive limits[% (v/v)]	Upper limit: No information available; Lower limit: No information available
Vapor pressure	No information available
Relative vapour density(Air = 1)	No information available
Relative density(Water=1)	No information available
Solubility	Soluble in water
n-octanol/water partition coefficient	No information available
Auto-ignition temperature(°C)	No information available
Decomposition temperature(°C)	No information available
Kinematic viscosity	No information available
Particle characteristics	Not applicable

10 Stability and reactivity

Stability and reactivity

Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
Chemical stability	Stable under proper operation and storage conditions.
Possibility of hazardous reactions	In contact with active metals (alkali metals, Na, Ca etc.) causes a reaction and release hydrogen. In contact with oxidants causes severe reactions, and may cause a fire or explosion. In contact with an open flame may cause a fire or explosion.
Conditions to avoid	Incompatible materials, heat, flame and spark.
Incompatible materials	Alkali, sodium, calcium, and other active metal, halogen, metal oxide, nonmetal oxide, acyl halide and metal phosphide. Oxidants, alkali metals, alkaline earth metals and aluminum. Oxidantss and halogen.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 Toxicological information

| Acute toxicity

Component	LD ₅₀ (oral)	LD ₅₀ (dermal)	LC ₅₀ (inhalation,4h)
Agar Powder	11000mg/kg(Rat)	No information available	No information available
FD&C YELLOW NO.5 (1934-21-0)	12750mg/kg(Mouse)	No information available	No information available
GLYCERIN	12600mg/kg(Rat)	> 10000mg/kg(Rabbit)	No information available
Denatonium benzoate	584mg/kg(Rat)	No information available	No information available
BORAX	4500mg/kg(Rat)	No information available	No information available
FD&C RED NO.3 (CI 45430)	1840mg/kg(Rat)	No information available	No information available
Phenoxyethanol	1260mg/kg(Rat)	14422mg/kg(Rat)	No information available
Sodium Dehydroacetate	500mg/kg(Rat)	No information available	No information available

| Carcinogenicity

Component	List of carcinogens by the IARC Monographs	Report on Carcinogens by NTP
AQUA(Water)	Not Listed	Not Listed
Agar Powder	Not Listed	Not Listed
COPOLYMEY	Not Listed	Not Listed
POLYVINYL ALCOHOL	Category 3	Not Listed
GLYCERIN	Not Listed	Not Listed
Sodium Dehydroacetate	Not Listed	Not Listed
Phenoxyethanol	Not Listed	Not Listed
ISOBUTANE	Not Listed	Not Listed
BORAX	Not Listed	Not Listed
Denatonium benzoate	Not Listed	Not Listed
FD&C YELLOW NO.5 (1934-21-0)	Not Listed	Not Listed
FD&C RED NO.3 (CI 45430)	Not Listed	Not Listed
FD&C Blue no.1 (CI 42090)	Category 3	Not Listed
Titanium Dioxide (CI 77891)	Category 2B	Not Listed

| Others

Fluffy Slime / Cream Clay/ICEE slime	
Skin corrosion/irritation	Based on available data, the classification criteria are not met
Serious eye damage/irritation	Based on available data, the classification criteria are not met
Skin sensitization	Based on available data, the classification criteria are not met
Respiratory sensitization	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met

STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Reproductive toxicity(additional)	Based on available data, the classification criteria are not met

12 Ecological information

| Acute aquatic toxicity

Component	Fish	Crustaceans	Algae
GLYCERIN	LC ₅₀ : 68100mg/L (96h)(Fish)	No information available	No information available
BORAX	No information available	No information available	ErC ₅₀ : 15.4mg/L (96h)(Algae)
Phenoxyethanol	LC ₅₀ : 344mg/L (96h)(Fish)	No information available	No information available

| Chronic aquatic toxicity

Chronic aquatic toxicity	No information available
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| Persistence and degradability

Component	Persistence (water/soil)	Persistence (air)
AQUA(Water)	Low	Low
Phenoxyethanol	Low	Low
ISOBUTANE	High	High
FD&C YELLOW NO.5 (1934-21-0)	High	High
FD&C RED NO.3 (CI 45430)	High	High
Titanium Dioxide (CI 77891)	High	High

| Bioaccumulative potential

Component	Bioaccumulative potential	Comments
AQUA(Water)	Low	Log Kow=-1.38
Phenoxyethanol	Low	Log Kow=1.2
ISOBUTANE	Low	BCF=1.97
FD&C YELLOW NO.5 (1934-21-0)	Low	BCF=3
FD&C RED NO.3 (CI 45430)	High	Log Kow=6.2002
Titanium Dioxide (CI 77891)	Low	BCF=10

| Mobility in soil

Component	Mobility in soil	Soil Organic Carbon-Water Partitioning Coefficient
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		(Koc)
AQUA(Water)	Low	14.3
Phenoxyethanol	Low	12.12
ISOBUTANE	Low	35.04
FD&C YELLOW NO.5 (1934-21-0)	Low	79.38
FD&C RED NO.3 (CI 45430)	Low	18860
Titanium Dioxide (CI 77891)	Low	23.74

Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]
GLYCERIN	Not PBT/vPvB
Sodium Dehydroacetate	Not PBT/vPvB
Phenoxyethanol	Not PBT/vPvB
ISOBUTANE	Not applicable
Denatonium benzoate	Not PBT/vPvB
FD&C YELLOW NO.5 (1934-21-0)	Not PBT/vPvB
FD&C RED NO.3 (CI 45430)	Not PBT/vPvB
FD&C Blue no.1 (CI 42090)	Not PBT/vPvB
Titanium Dioxide (CI 77891)	Not applicable

13 Disposal considerations

Disposal considerations

Waste chemicals	Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.
Contaminated packaging	Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible.
Disposal recommendations	Refer to section waste chemicals and contaminated packaging.

14 Transport information

Label and Mark

Transporting Label	Not applicable
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IMDG-CODE

IMDG-CODE	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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IATA-DGR

IATA-DGR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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UN-ADR

UN-ADR

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

15 Regulatory information

International chemical inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AIIC	ENCS
AQUA(Water)	√	√	√	√	√	√	√	√	√
Agar Powder	√	√	√	√	√	√	√	√	×
COPOLYMEY	×	√	√	√	√	√	√	√	√
POLYVINYL ALCOHOL	×	√	√	√	√	√	√	√	√
GLYCERIN	√	√	√	√	√	√	√	√	√
Sodium Dehydroacetate	√	√	√	√	√	√	√	√	√
Phenoxyethanol	√	√	√	√	√	√	√	√	√
ISOBUTANE	√	√	√	√	√	√	√	√	√
BORAX	×	√	√	√	√	√	√	√	√
Denatonium benzoate	√	√	√	√	√	√	√	√	√
FD&C YELLOW NO.5 (1934-21-0)	√	√	√	√	√	√	√	√	√
FD&C RED NO.3 (CI 45430)	√	√	√	√	√	√	√	√	√
FD&C Blue no.1 (CI 42090)	√	√	√	√	√	√	√	√	√
Titanium Dioxide (CI 77891)	√	√	√	√	√	√	√	√	√

[EINECS]	European Inventory of Existing Commercial Chemical Substances
[TSCA]	United States Toxic Substances Control Act Inventory
[DSL]	Canadian Domestic Substances List
[IECSC]	China Inventory of Existing Chemical Substances
[NZIoC]	New Zealand Inventory of Chemicals
[PICCS]	Philippines Inventory of Chemicals and Chemical Substances
[KECI]	Korea Existing Chemicals Inventory
[AIIC]	Australia. Inventory of Industrial Chemicals (AIIC)
[ENCS]	Japan Inventory of Existing & New Chemical Substances

Note:

- “√” Indicates that the substance included in the regulations.
 “×” No data or not included in the regulations.

16 Other information

Information on revision

Creation Date	2021/05/18
Revision Date	2021/05/18
Reason for revision	-

Reference

- [1] IPCS: The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>.
 [2] IARC, website: <http://www.iarc.fr/>.

- [3] OECD: The Global Portal to Information on Chemical Substances, website: <https://www.echemportal.org/echemportal/substancesearch/index.action>.
- [4] CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>.
- [5] NLM: ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>.
- [6] EPA: Integrated Risk Information System, website: <http://cfpub.epa.gov/iris/>.
- [7] U.S. Department of Transportation: ERG, website: <http://www.phmsa.dot.gov/hazmat/library/erg>.
- [8] Germany GESTIS-database on hazard substance, website: <http://gestis-en.itrust.de/>.

Abbreviations and acronyms

CAS	Chemical Abstracts Service	UN	The United Nations
PC-STEL	Short term exposure limit	OECD	Organization for Economic Co-operation and Development
PC-TWA	Time Weighted Average	IMDG	International Maritime Dangerous Goods
MAC	Maximum Allowable Concentration	IARC	International Agency for Research on Cancer
DNEL	Derived No Effect Level	ICAO	International Civil Aviation Organization
PNEC	Predicted No Effect Concentration	IATA	International Air Transportation Association
NOEC	No Observed Effect Concentration	ACGIH	American Conference of Governmental Industrial Hygienists
LC ₅₀	Lethal Concentration 50%	NFPA	National Fire Protection Association
LD ₅₀	Lethal Dose 50%	NTP	National Toxicology Program
EC ₅₀	Effective Concentration 50%	PBT	Persistent, Bioaccumulative, Toxic
EC _x	Effective Concentration X%	vPvB	very Persistent, very Bioaccumulative
P _{ow}	Partition coefficient Octanol: Water	CMR	Carcinogens, mutagens or substances toxic to reproduction
BCF	Bioconcentration factor	RPE	Respiratory Protective Equipment
ED	Endocrine disruptor		

Disclaimer

This Safety Data Sheet (SDS) was prepared according to UN GHS (the 8th revised edition). The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.