

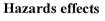
Manufacturing Site Address: A-1/2102 & 2103, Phase-III, G.I.D.C, Vapi-396 195, Gujarat. India

Safety Data Sheet

Document No.: FP/SDS/003/05	Revision No.: 05
Effective Date: 30/05/2018	Supersede No.: 04
Product Name: Lidocaine	Page No.:1 of 11

1.0 Product and company Identification	
GHS Product Identifier	Lidocaine
Other means of Identification	2-(Diethyl amino)-N-(-2,6-Dimethylphenyl) acetamide
Recommended use of the chemical and restrictions on use.	Anesthetic
Supplier Details	Swati Spentose Pvt. Ltd.
Including name, address, phone number	A-1/2102 & 2103, Phase-III, G.I.D.C, Vapi-396195.
etc.)	Gujarat, India.
Chemical Name:	Lidocaine
Chemical Formula:	C ₁₄ -H ₂₂ -N ₂ -O
RTECS:	AN7525000
Catalog Codes:	SLL1648
CAS#:	137-58-6
TSCA: TSCA 8(b) inventory:	Lidocaine
Synonym:	2-(Dimethyl amino)-N-(2,6-Dimethylphenyl) acetamide
Emergency Phone Number:	0260-2433133
Recommended Use:	Inflamed mucous membranes of the mouth and pharynx. It is also useful for reducing gagging during the taking of X-ray pictures and dental impressions.
2.0 Hazards Identification:	
	Lidocaine

HAZARDOUS IDENTIFICATION
Acute Toxicity (Poison): Oral, Dermal, Inhalation
Category-3





Harmful if swallowed May cause an allergic skin reaction May cause harm to breast-fed children Causes damage to: Blood Nervous System Cardiovascular System Causes damage to organs: Blood Nervous System Cardiovascular System through prolonged or repeated exposure

Activity	Prepared By	Checked By	Approved By
Sign & Date	Sushant Rai 25/18	26/05/18	28/05/18
Name & Designation	Mr. Sushant Rai Officer - EHS	Mr. Jitendra Varma Project & MNT - Head	Mr. S. K. Srivastava Corporate Head – QA & QC

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GHS

label

precautionary statements.

SWATI SPENTOSE PVT. LTD. UNIT-I

Manufacturing Site Address: A-1/2102 & 2103, Phase-III, G.I.D.C, Vapi-396 195, Gujarat. India

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Label elements:

Labelling according to Regulation (EC) No. 1272/2008 The substance is classified and labeled according to the CLP regulation.

Hazard pictograms GHS06

Signal word Danger

Hazard statement(s)

including H302 Harmful if swallowed.

Precautionary statement(s)

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330 Rinse mouth.

P501 Dispose of contents/container to an approved waste disposal plant.

3.0 Composition/Information On Ingredients

Impurities and Stabilizing additives which

contribute to the classification of the

themselves

substance.

classified and

elements.

Impurity A:2,6-dimethylaniline

Impurity B:

2-(diethylazinoyl)-N(2,6-dimethylphenyl) acetamide (Lidocaine

N2-oxide)

Impurity C:

N-(2,6-dimethylphenyl) acetamide

Impurity D:

N-(2,6-dimethylphenyl)2-(ethyl amino) acetamide

Impurity E:

which

2-2¢-(azanediyl) bis [N(2,6-dimethylphenyl) acetamide]

Impurity F:

2-(diethyl amino)-N-(2,3-dimethylphenyl) acetamide

Impurity G:

N-(2,6dimethylphenyl)-2-[(1methylethyl) amino] acetamide,

Impurity H:

2-chloro-N-(2,6dimethylphenyl) acetamide N

Impurity I:

2-(diethyl amino)-N(2,4-dimethylphenyl) acetamide

Impurity J:

Activity	Prepared By	Checked By	Approved By
Sign & Date	Sushant Rai 25/105/118	26/02/78	28105/18
Name & Designation	Mr. Sushant Rai Officer - EHS	Mr. Jitendra Varma Project & MNT - Head	Mr. S. K. Srivastava Corporate Head – QA & QC

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Sign & Date

Name &

Designation

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MI POR CONTROL OF THE RESIDENCE OF THE PORT OF THE POR		2-(diethyl amino)-N(2,5-dimethylphenyl) acetamide	
Concentration or concentration ranges of all ingredients which are hazardous within the meaning of the GHS and are present above their cut-off levels.		Information not available	
4.0 First-aid-measu	ires		
Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact and ingestion.		Eye Contact: Check for and remove any contact lenses. Flush with copious amounts of water for at least 15 minutes. Do not use an eye ointment as a first aid measure. Seek medical attention. Skin Contact: Remove contaminated clothing and shoes. Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Serious Skin Contact: Not available. Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. Serious Inhalation: Not available. Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. Serious Ingestion: Not available.	
Eye Contact: Check for and remove any contact lenses with copious amounts of water for at least 15 minutes. Do an eye ointment as a first aid measure. Seek medical attention Skin Contact: Remove contaminated clothing and shoes. Wash with so water. Cover the irritated skin with an emollient. Get reattention if irritation develops. Serious Skin Contact: Not available. Inhalation: If inhaled, remove to fresh air. If not breathing, give an respiration. If breathing is difficult, give oxygen. Get mattention. Serious Inhalation: Not available.		for at least 15 minutes. Do not use easure. Seek medical attention. g and shoes. Wash with soap and n with an emollient. Get medical ailable. ir. If not breathing, give artificial fficult, give oxygen. Get medical	
Activity	Prepared By	Checked By	Approved By

26/05/18 Mr. Sushant Rai Mr. Jitendra Varma Mr. S. K. Srivastava Officer - EHS Project & MNT - Head Corporate Head - QA & QC



Manufacturing Site Address: A-1/2102 & 2103, Phase-III, G.I.D.C, Vapi-396 195, Gujarat. India

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Ingestion: Do NOT induce vomiting unless directed to do so by a personnel. Never give anything by mouth to an unco person. If large quantities of this material are swallowed physician immediately. Loosen tight clothing such as a colbelt or waistband.	
5.0 Fire Fighting Measures	
Suitable and unsuitable extinguishing media.	Flammability of the Product: May be combustible at high temperature. Auto-Ignition Temperature: Not available. Flash Points: CLOSED CUP: Higher than 93.3°C (200°F). Flammable Limits: Not available. Products of Combustion: These products are carbon oxides (CO, CO2), nitrogen oxides (NO, NO2). Fire Hazards in Presence of Various Substances: Slightly flammable to flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks. Explosion Hazards in Presence of Various Substances: Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Fire Fighting Media and Instructions: SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet. Special Remarks on Fire Hazards: Not available.
Special Protective Equipment and precautions for fire-fights	Personal Protection: Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Specific hazardous arising from the chemical	Information not available

Activity	Prepared By	Checked By	Approved By
Sign & Date	Supremy Pri 25/18	7itul, 26/05/18	28/05/18
Name & Designation	Mr. Sushant Rai Officer - EHS	Mr. Jitendra Varma Project & MNT - Head	Mr. S. K. Srivastava Corporate Head – QA & QC

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6.0Accidental Release Measures			
Personal Precautions, Protective Equipment and emergency procedures.		Personal Protection: Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. A respirator is not required for routine conditions of use of this product. Where respirators are deemed necessary to reduce or control occupational exposures, use NIOSH-approved respiratory protection and have an effective respirator program in place (applicable U.S. regulation OSHA 29 CFR 1910.134). Gloves. Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist before handling this product.	
Methods and material for containment for and cleaning up.		Small Spill:Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. Large Spill:Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.	
7.0 Handling and Sto	orage ————————————————————————————————————	_	
Precautions for safe handling.		Precautions: Keep locked up. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.	
Conditions for safe storage, including any incompatibilities		Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 30°C (104°F).as per USP pharmacopeia (Preferably store at temperature between 15°C and 30°C). And as per BP Pharmacopoeia protect from light.	
8.0Exposure Control	ls/Personal Protection		
Control limit Exposure Limits: Not available.		le.	
Activity	Prepared By	Checked By	Approved By
Sign & Date	Supton 25/05/18	26/05/18	28/05/18
Name & Designation	Mr. Sushant Rai Officer - EHS	Mr. Jitendra Varma Project & MNT - Head	Mr. S. K. Srivastava Corporate Head – QA & QC

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	Engineering Controls:	
Appropriate engineering controls.	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.	
Individual Protection measures, Such as personal protective equipment	Personal Protection: Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. A respirator is not required for routine conditions of use of this product. Where respirators are deemed necessary to reduce or control occupational exposures, use NIOSH-approved respiratory protection and have an effective respirator program in place (applicable U.S. regulation OSHA 29 CFR 1910.134). Gloves. Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist before handling this product.	
9.0 Physical and Chemical Properties		
Appearance (Physical state, color, etc.)) Crystalline Solid	
Odor	Characteristic	
Odor Threshold	Not available	
pH (1% soln./water)	Not applicable	
Melting point/Freezing point	66°C to 70°C	
Initial boiling point and boiling range	Not available	
Flash Point	Not available	
Evaporation Rate	Not available	
Flammability (Solid, Gas)	Not available	
Upper/Lower Flammability or Explosive Limits	Not available	
Vapor Pressure	Not applicable	
Vapor Density	Not available	
Relative Density	Not available	
Other Solubility	The product is more soluble in Oil. Log (Oil/water) = 2.3 and in soluble in water and very soluble in ethanol (96%) and in methylene chloride as per BP/EP/IH. (ICHQ3C)	

	Activity	Prepared By	Checked By	Approved By
	Sign & Date	Sustant Rai 25/18	26/05/18	28/05/18
	Name &	Mr. Sushant Rai	Mr. Jitendra Varma	Mr. S. K. Srivastava
L	Designation	Officer - EHS	Project & MNT - Head	Corporate Head – QA & QC

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Partition Coefficien	t	Not available	
Auto-ignition Temp	erature	Not available	
Decomposition Tem	perature	Not available	
Solubility in water		Very soluble	
Color		White to yellowish and A C	Green color is develops.
10.0 Stability and F	Reactivity Data		
Chemical Stability		Stability: The product is stabl	e.
Possibility of Hazar	dous reactions.	Not Reported	
Condition to avoid		Excess heat, incompatible mat	erials
Incompatible materials		Incompatibility with various oxidizing agents. Special Remarks on Reactive Strong mineral acids.	
Hazards decomposi	tion product	Not available	
11.0Toxicological	Information		
Delayed and imme chloric effects fron term exposure.		Chronic Effects on Humans: MUTAGENIC EFFECTS: Mutagenic for bacteria and/yeast. TERATOGENIC EFFECTS: Classified POSSIBLE f human. May cause damage to the following organs: cardiovascul system, central nervous system (CNS). Other Toxic Effects on Humans: Hazardous in case of ingestion. Slightly hazardous in case of sk contact (irritant), of inhalation. Special Remarks on Toxicity to Animals: Not available. Special Remarks on Chronic Effects on Humans: May cau adverse reproductive effects and birth defects based on anim data. Special Remarks on other Toxic Effects on Humans: Acute Potential Health Effects: Skin: May cause skin irritation ar numbness Eyes: May cause eye irritation and numbness Ingestion: Harmful if swallowed. May cause irritation ar numbness of the gastrointestinaltract with nausea, vomiting, abdominal discomfort. May cause blurred vision. May affe behavior (hallucinations, euphoria, convulsion	
Activity	Prepared By	Checked By	Approved By
Sign & Date	Sushant Rn 25105/18	56/02/18 Jithof	28/05/18
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	spasticity,drowsiness, somnolence, excitement, nervousness, dizziness, tremors, unconsciousness), cardiovascular system (low bloodpressure, possible cardiac arrest)), respiration, and metabolism Inhalation: May cause respiratory tract irritation and numbness Hazardous in case of ingestion. Slightly hazardous in case of		
Other Toxic Effects on Humans	skin contact (irritant), of inhalation		
Special Remarks on Toxicity to Animals	Not available.		
Special Remarks on Chronic Effects on Humans	May cause adverse reproductive effects and birth defects based on animal data.		
Acute Potential Health Effects: Skin: May cause irritation and numbness Eyes: May cause eye irritation numbness Ingestion: Harmful if swallowed. May cause irritation numbness of the gastrointestinal tract with nausea, voor abdominal discomfort. May cause blurred vision affect behavior (hallucinations, euphoria, conversaticity, drowsiness, somnolence, excitement, nervoor dizziness, tremors, unconsciousness), cardiovascular (low bloodpressure, possible cardiac arrest)), respiration metabolism Inhalation: May cause respiratory tract in and numbness			
Toxicity to Animals	Acute oral toxicity (LD50): 220 mg/kg [Mouse]		
Routes of Entry	Inhalation. Ingestion		
12.0 Ecological information			
Eco toxicity (aquatic and terrestrial, where available).	Eco toxicity: Not available.		
Persistence and degradability	Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.		
13.0 Disposal Consideration			

Activity	Prepared By	Checked By	Approved By
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Description of waste residues and information on their safe handling and methods of disposal, including any contaminated packing. Waste Disposal:	Information not available Waste must be disposed of in accordance with federal, state and local environmental control regulations.	
14.0 Transport Information		
DOT Classification	Not a DOT controlled material (United states).	
Transport regulation/UN Classification	Not applicable	
IATA/ICAO(air)	Not Classified	
ADR/RID(road/Railway)	Not Classified	
(MDG (sea) Not Classified		
15.0 Other Regulatory Information		
	Regulatory Information: Not Applicable International Regulatory Information: EINECS # 200- 803-8 Hazard code: Xn- Harmful R and S Phrases: Risk phrases: R25- Toxic if swallowed. Safety phrases: S22- Do not breathes dust. S36/37- Wear suitable protective clothing and gloves. S46- If swallowed, seek medical advice immediately and show this container or label. European Regulatory Information: 1272/2008 H and P Phrases: Hazard Statements: H301 – Toxic if swallowed. H317 – May cause an allergic skin reaction. H319 – Causes serious eye irritation.	

Activity	Prepared By	Checked By	Approved By
Sign & Date	Sushant R-1' 25/05/18	26/05/18	28/05/18
Name &	Mr. Sushant Rai	Mr. Jitendra Varma	Mr. S. K. Srivastava
Designation	Officer - EHS	Project & MNT - Head	Corporate Head – QA & QC

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H335 – May cause respiratory irritation.

H334 – May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary Statements:

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 – Wash hand thoroughly after handling.

P271 – Use only outdoors or in a well-ventilated area.

P280 –Wear protective gloves/protective clothing/eye protection/face protection.

P285 – In case of inadequate ventilation wear respiratory protection.

HMIS (U.S.A.): Health Hazard: 2

Fire Hazard: 1

Personal Protection: E

National Fire Protection Association (U. S.A.): Health: 2

Flammability: 1 Reactivity: 0

Protective Equipment:

Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Splash goggles

Federal and State Regulations: TSCA 8(b) inventory: Lidocaine Other Regulations:

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on theEuropean Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC): R22- Harmful if swallowed.

R36- Irritating to eyes.

R63- Possible risk of harm to the unborn child.

S2- Keep out of the reach of Children.

S46- If swallowed, seek medical advice immediately and show this container or label.

16.0 Other Information

References and Other information including information on preparation and revision of SDS

This data is furnished gratuitously independent of any sales of the product and only for your investigation and

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Name & Designation	Mr. Sushant Rai Officer - EHS	Mr. Jitendra Varma Project & MNT - Head	Mr. S. K. Srivastava Corporate Head – QA & QC



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independent verification. While the information is believed
to be correct, Swati Spentose Private Limited shall in no
event be any responsible for any damage whatever, directly
or indirectly resulting in the use of or reliance upon data
contained herein. No warranty, either expressed or implied,
or merchantability, of fitness, or of any nature with respect to
the product, or to the data is made herein. You are urged to
obtain data sheet for all Swati Spentose Private limited
product you buy, process, use or distribute, and encouraged
to advise anyone working with or exposed such products of
the information contained herein.

Abbreviation:

CAS	Chemical Abstract Service Number	
RTECS	Registry of Toxic Effects of Chemical Substances	
DOT	Department of Transportation	
UN	United Nations	
LD	Lethal dose	
IATA	International Air Transport Association	

-----* End of Document *-----

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