

SAFETY DATA SHEET (SDS)

Section 1. Identification					
Product identifier LABFENDER (NEW)					
Other means of identification LFDR000A					
Recommended use and restrictions on use Floor Coating					
Initial supplier identifier LABSURFACE 2250, LOUIS-BLÉRIOT, MASCOUCHE (QC) CANADA J7K 3C1					
Tél. (450) 966-9000					
Emergency telep	Emergency telephone number/restriction on use Canada – Utilisation (450) 966-9000 8h-17h				
			Canada – Trans	sport CANUTEC Numéro 24 he	eures 613-996-6666
			Section 2. Ha	zard identification	
Classification of	hazardous	product (name of the c	ategory or subc	ategory of the hazard class)	
Skin irritation (cat	egory 2)				
Eye irritation (cate					
Skin sensitization					
Acute toxicity inh					
Respiratory sensit					
		- Single exposure (Cate			
Information elem	ents <u>(sym</u> l	ools, signal words, haza	rd statements a	nd precautionary statements	of the category/subcategory)
H335 May cause r P261 Avoid breat well-ventilated an clothing/eye prote SKIN irritation or INHALED: Remo symptoms: Call a easy to do. Contin	bus eye irrit an allergic s nhaled. allergy or as respiratory i hing dust/fi ea. P272 C ction/face p rash occur ve person to doctor. P30 nue rinsing.	skin reaction. sthma symptoms or brea irritation. ume/gas/mist/vapours/sp contaminated work cloth protection. P284 Wear re- rs: Get medical attentio of fresh air and keep comf 05 + P351 + P338 If in 6 . P337 + P313 IF eye ir	ray. P264 Wash ning should not espiratory protect n. P362 + P364 Fortable for breatf eyes: Rinse cauti ritation persists:	hands/nails/face thoroughly aft be allowed out of the workpla ion. P302 + P352 IF ON SKIN Take off contaminated clothing ing. P310 Immediately call a dc ously with water for several mi Get medical attention. P403 +	er handling. P271 Use only outdoors or in a ice. P280 Wear protective gloves/protective : wash with plenty of water. P333 + P313 IF g and wash it before reuse. P304 + P340 IF octor. P342 + P311 If experiencing respiratory nutes. Remove contact lenses, if present and P233 Store in a well-ventilated place. Keep
container tightly closed. P405 Store locked up. P501 Dispose of contents/container into safe container in accordance with local, regional or national					
regulations. Other hazards ki	own	None			
Other nazarus Ki	10 W II		Compariti	linformation on in maline	
Chemical name (s. Composition	n/information on ingredient CAS number or other	
Homopolymer of		ame/synonyms)		28182-81-2	Concentration (%)* 80-100
Hexamethylene diisocyanate 822-06-0 <1 * Statement - This safety data sheet provides concentration range(s) instead of the actual concentration(s) by weight (except for gases/propellants by volume)					
Statement - Th	as sarety uali	a sheet provides concentrati		d trade secret(s).	ergin (except for gases/propending by volume)
				irst-aid measures	
Inhalation	IF INHA	LED: Remove person to			all a doctor if you feel unwell. If experiencing
		ry symptoms: Call a doc		r	
Ingestion				O NOT INDUCE VOMITING.	NEVER give anything by mouth if victim is
6					proughly with water. Have victim drink two
				e victim lean forward to reduce	
Skin contact					itation or rash occurs: Get medical attention.
Eye contact					tact lenses, if present and easy to do. Continue
-		f eye irritation persists:			
Most important s		and effects (acute or de		Causes serious eye irritatio	n. Causes skin irritation.
		dical attention/special			Do not forget this document.
				,	



Section 5. Fire-fighting measures

Specific hazards of the hazardous product (hazardous combustion products)

Carbon oxides and other irritant/toxic gases and fumes.

Suitable and unsuitable extinguishing media

In case of fire: Use carbon dioxide, chemical powder agent and appropriate foam to extinguish surrounding products.

Special protective equipment and precautions for fire-fighters

During a fire, irritating/toxic smoke and fumes may be generated. Do not enter fire area without proper protection. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece. Shield personnel to protect from venting, rupturing or bursting cans. Move containers from fire area if it can be done without risk. Water spray may be useful in cooling equipment and cans exposed to heat and flame.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8).

Methods and materials for containment and cleaning up

Ventilate area of release. Stop the leak if it can be done safely. Contain and absorb any spilled liquid concentrate with inert absorbent material, then place material into a container for later disposal (see Section 13). Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required.

Section 7. Handling and storage

Precautions for safe handling

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

Before handling, it is very important that engineering controls are operating, and that protective equipment requirements and personal hygiene measures are being followed. People working with this chemical should be properly trained regarding its hazards and its safe use. Inspect containers for leaks before handling. Label containers appropriately. Ensure proper ventilation. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. Avoid generating high concentrations of dusts, vapours or mists. Keep away from incompatible materials (Section 10). Keep containers closed when not in use. Empty containers are always dangerous. Refer also to Section 8.

Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Store away from incompatible materials (Section 10). Inspect all incoming containers to make sure they are properly labelled and not damaged. Storage area should be clearly identified, clear of obstruction and accessible only to trained personnel. Inspect periodically for damage or leaks.

Section 8. Exposure controls/Personal protection

Control parameters (biological limit values or exposure limit values and source of those values)

Exposure limits: DUST ACGIH – TLV-TWA 1 mg/m³ & PEL-TWA 5 mg/m³ (respirable fraction) & 15 mg/m³ (total dust); CAS 822-06-0 ACGIH – TLV-TWA 0.005 ppm;

Appropriate engineering controls

Use under well-ventilated conditions. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits. Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Individual protection measures/personal protective equipment

Respiratory protection is required if the concentrations are higher than the exposure limits. Use a NIOSH approved respirators if the exposure limits are unknown. Chemically protective gloves (impervious), and other protective clothing to prevent prolonged or repeated skin contact, must be worn during all handling operations. Wear protective chemical splash goggles to prevent mists from entering the eyes. Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use.

Section 9. Physical and chemical properties				
Appearance, physical state/colour Liquid clear	Vapour pressure Not available			
Odour Characteristic	Vapour density Not available			
Odour threshold Not available	Relative density Not available			
pH Not available	Solubility Not available			
Melting/freezing point Not available	Partition coefficient - n-octanol/water Not available			
Initial boiling point/range Not available	Auto-ignition temperature Not available			
Flash point > 93°C	Decomposition temperature Not available			
Evaporation rate Not available	Viscosity Not available			
Flammability (solids and gases) Not available	VOC Not available			
Upper and lower flammability/explosive limits Not available	Other None known			



Section 10. Stability and reactivity				
Reactivity				
Does not react under the recommended storage and handling conditions prescribed.				
Chemical stability				
Stable under the recommended storage and handling conditions prescribed.				
Possibility of hazardous reactions				
None known				
Conditions to avoid (static discharge, shock or vibration)				
None known				
Incompatible materials				
Oxidizing materials; etc.				
Hazardous decomposition products				
None known				
Section 11. Toxicological information				
Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)				
Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation.				
Symptoms related to the physical, chemical and toxicological characteristics				
Skin irritation, redness, stinging, pain; Eye irritation, redness, tearing; Respiratory tract irritation, coughing, shortness of breath, dizziness, drowsiness, nausea and headaches.				
Delayed and immediate effects (chronic effects from short-term and long-term exposure)				
listed by IARC, ACGIH, NTP or OSHA; Reproductive Toxicity – No data available; Specific Target Organ Toxicity — Single Exposure – Possible; Specific Target Organ Toxicity — Repeated Exposure – No data available; Aspiration Hazard – No data available; Health Hazards Not Otherwise Classified – No data available. Numerical measures of toxicity (ATE; LD ₅₀ & LC ₅₀) CAS 28182-81-2 LC ₅₀ Inhalation - Rat - 4 h – 400-425 mg/m ³ ; CAS 822-06-0 LC ₅₀ Inhalation - Rat - 4 h – 310-350 mg/m ³ ;				
ATE not available in this document.				
Section 12. Ecological information				
Ecotoxicity (aquatic and terrestrial information) No data available for the product.				
Persistence and degradability No data available				
Bioaccumulative potential No data available				
Mobility in soil No data available				
Other adverse effects No data available				
Section 13. Disposal considerations				
Information on safe handling for disposal/methods of disposal/contaminated packaging				
Dispose of contents/container into safe container in accordance with local, regional or national regulations.				
Section 14. Transport information				
UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations				
Not regulated				
UN number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime)				
Not regulated				
UN number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air)				
Not regulated				
Special precautions (transport/conveyance) None				
Environmental hazards (IMDG or other) None				
Bulk transport (usually more than 450 L in capacity) Possible				



	Section 15. Regulatory information			
Safety/health (Canadian regulations specifics Refer to Section 2 for the appropriate classification. This product has been classified in accordance			
·····	with the hazard criteria of the Hazardous Products Regulations (HPR).			
Environmental Canadian regulations specifics Refer to Section 3 for ingredient(s) of the DSL				
	environmental outside regulations specifics			
	OSHA information: This product is regulated according to OSHA (29 CFR).			
	PA (Environmental Protection Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14.			
	CSA information: Refer to the ingredients listed in Section 3.			
	rotection Association (NFPA):			
HEALTH: 2	FLAMMABILITY: 1 INSTABILITY: 0 SPECIAL HAZARDS: Refer to Section 2 & 3.			
	ALE: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe			
	Section 16. Other information			
Date of the late	est revision of the safety data sheet October 30, 2024 version 2 (Labsurface)			
Corrections	New adress			
References	Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS.			
Abbreviations				
ACGIH	American Conference of Governmental Industrial Hygienists			
ATE	Acute toxicity estimate			
CAS	Chemical Abstract Service			
DSL	Domestic Substance List			
IARC	International Agency for Research on Cancer			
IATA	International Air Transport Association			
IMDG	International Maritime Dangerous Goods Code			
LC	Lethal concentration			
LD	Lethal Dosage			
NIOSH	National Institute for Occupational Safety and Health			
NTP	National Toxicology Program (U.S.A.)			
OSHA	Occupational Safety and Health Administration (U.S.A.)			
PEL	Permissible Exposure Limit			
STEL	Short-term Exposure Limit			
TDG	Transport of dangerous goods in Canada			
TLV	Threshold Limit Value			
TSCA	Toxic Substances Control Act			
TWA	Time Weighted Average			
WHMIS	Workplace Hazardous Materials Information System			
information provi is suitable for the continuously testi	absurface expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product o ided herein, and shall under no circumstances be liable for incidental or consequential damages. Users are responsible to verify whether the produc bir particular purposes and they assume all risks of their use, handling, and disposal of the product. In order to meet our strict requirements, we are ing our coatings and on occasion, formulations may be modified to improve certain properties within each coating. Information and data included in cument may not be up to date as of the date of reference.			



SAFETY DATA SHEET (SDS) Section 1 Identification

				TA SHEET (SDS)	
			Section 1	. Identification	
Product identifi	ier	LABFENDER (NEW)			
Other means of					
Recommended	use and resti	rictions on use Floor	Coating		
Initial supplier	identifier	LABSURFACE 2250 Tél. (450) 966-9000), LOUIS-BLÉRI	OT, MASCOUCHE (QC) CANA	DA J7K 3C1
Emergency tele	phone numb	er/restriction on use		ation (450) 966-9000 8h-17h	
			Canada – Trans	sport CANUTEC Numéro 24 heur	res 613-996-6666
				zard identification	
Classification of	f hazardous j	product (name of the c	category or subc	ategory of the hazard class)	
Acute toxicity, d Skin irritation (C Serious eye dama Skin sensitization	Category 2) age (Category n (Category 1	y 1))			
Reproductive tox					
		– single & repeated exp			
Information ele	ments (symb	ols, signal words, haza	ard statements a	nd precautionary statements of	the category/subcategory)
H317 May cause H318 Serious ey H336 May cause H361 Suspected H370 Causes dar H372 Causes dar	vere skin burr an allergic s e damage drowsiness of of damaging mage to organ	is and eye damage. kin reaction. or dizziness fertility or the unborn c 1s.			
P201 Obtain spe dusts or mists. P2 work clothing sh + P330 + P331 I contaminated clo with water for se fresh air and kee	cial instruction 264 Wash har would not be a F SWALLOW othing. Rinse everal minutes p comfortable	ons before use. P202 Do ids/nails/face thoroughly llowed out of the work WED: Rinse mouth. Do skin with water. P363 V s. Remove contact lense e for breathing. P310 In	o not handle until y after handling. I place. P280 Wear NOT induce vor Wash contaminate es, if present and mmediately call a	all safety precautions have been P270 Do not eat, drink or smoke w protective gloves/ protective clot niting. P303 + P361 + P353 IF O ed clothing before reuse. P305 + F easy to do. Continue rinsing. P30	 when using this product. P272 Contaminated thing/ eye protection/ face protection. P30 N SKIN (or hair): Take off immediately al P351 + P338 IF IN EYES: Rinse cautiously 4 + P340 IF INHALED: Remove person to or concerned: Get medical attention. P403
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Section 5. Fire-fighting measures

Specific hazards of the hazardous product (hazardous combustion products)

Carbon oxides and other irritant/toxic gases and fumes.

Suitable and unsuitable extinguishing media

In case of fire: Use carbon dioxide, chemical powder agent and appropriate foam to extinguish surrounding products.

Special protective equipment and precautions for fire-fighters

During a fire, irritating/toxic smoke and fumes may be generated. Do not enter fire area without proper protection. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece. Shield personnel to protect from venting, rupturing or bursting cans. Move containers from fire area if it can be done without risk. Water spray may be useful in cooling equipment and cans exposed to heat and flame.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8).

Methods and materials for containment and cleaning up

Ventilate area of release. Stop the leak if it can be done safely. Contain and absorb any spilled liquid concentrate with inert absorbent material, then place material into a container for later disposal (see Section 13). Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required.

Section 7. Handling and storage

Precautions for safe handling

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

Before handling, it is very important that engineering controls are operating, and that protective equipment requirements and personal hygiene measures are being followed. People working with this chemical should be properly trained regarding its hazards and its safe use. Inspect containers for leaks before handling. Label containers appropriately. Ensure proper ventilation. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. Avoid generating high concentrations of dusts, vapours or mists. Keep away from incompatible materials (Section 10). Keep containers closed when not in use. Empty containers are always dangerous. Refer also to Section 8.

Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Store away from incompatible materials (Section 10). Inspect all incoming containers to make sure they are properly labelled and not damaged. Storage area should be clearly identified, clear of obstruction and accessible only to trained personnel. Inspect periodically for damage or leaks.

Section 8. Exposure controls/Personal protection

Control parameters (biological limit values or exposure limit values and source of those values)

Exposure limits: DUST ACGIH - TLV-TWA 1 mg/m3 & PEL-TWA 5 mg/m3 (respirable fraction) & 15 mg/m3 (total dust);

Appropriate engineering controls

Use under well-ventilated conditions. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits. Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Individual protection measures/personal protective equipment

Respiratory protection is required if the concentrations are higher than the exposure limits. Use a NIOSH approved respirators if the exposure limits are unknown. Chemically protective gloves (impervious), and other protective clothing to prevent prolonged or repeated skin contact, must be worn during all handling operations. Wear protective chemical splash goggles to prevent mists from entering the eyes. Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use.

Section 9. Physical and chemical properties				
Appearance, physical state/colour Liquid clear	Vapour pressure Not available			
Odour Characteristic	Vapour density Not available			
Odour threshold Not available	Relative density Not available			
pH Not available	Solubility Not available			
Melting/freezing point Not available	Partition coefficient - n-octanol/water Not available			
Initial boiling point/range Not available	Auto-ignition temperature Not available			
Flash point >93°C	Decomposition temperature Not available			
Evaporation rate Not available	Viscosity Not available			
Flammability (solids and gases) Not available	VOC Not available			
Upper and lower flammability/explosive limits Not available	Other None known			



Section 10. Stability and reactivity

Reactivity	

Does not react under the recommended storage and handling conditions prescribed. Chemical stability Stable under the recommended storage and handling conditions prescribed.

Possibility of hazardous reactions

None known

Conditions to avoid (static discharge, shock or vibration)

None known

Incompatible materials

Oxidizing materials; etc.

Hazardous decomposition products

None known

Section 11. Toxicological information

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)

Causes severe skin burns and eye damage. May cause an allergic skin reaction. Suspected of causing genetic defects. May damage fertility or the unborn child. Causes damage to organs. Causes damage to organs through prolonged or repeated exposure.

Symptoms related to the physical, chemical and toxicological characteristics

Skin burn, redness, stinging, pain; Eye burn, redness, tearing; Digestive tract burn; Respiratory tract burn, coughing, shortness of breath, dizziness, drowsiness, nausea and headaches.

Delayed and immediate effects (chronic effects from short-term and long-term exposure)

Skin Sensitization – Possible; Respiratory Sensitization – No data available; Germ Cell Mutagenicity – Possible; Carcinogenicity – No ingredient listed by IARC, ACGIH, NTP or OSHA; Reproductive Toxicity – Possible; Specific Target Organ Toxicity — Single Exposure – Possible; Specific Target Organ Toxicity — Repeated Exposure – Possible; Aspiration Hazard – No data available; Health Hazards Not Otherwise Classified – No data available.

Numerical measures of toxicity (ATE; LD₅₀ & LC₅₀)

CAS 77-58-7 LD50 Oral, Rat 2071 mg/kg;

ATE not available in this document.

Section 12. Ecological information

Ecotoxicity (aquatic and terrestrial information) No data available for the product.

Persistence and degradabilityNo data available

Bioaccumulative potential No data available

Mobility in soil No data available

Other adverse effects No data available

Section 13. Disposal considerations

Information on safe handling for disposal/methods of disposal/contaminated packaging Dispose of contents/container into safe container in accordance with local, regional or national regulations.

Section 14. Transport information

UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations

UN3265; CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Dibutyltin dilaurate); CLASS 8; PG III

UN number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime)

UN3265; CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Dibutyltin dilaurate); CLASS 8; PG III

UN number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air)

 UN3265; CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Dibutyltin dilaurate); CLASS 8; PG III

 Special precautions (transport/conveyance)
 May also be shipped as a LIMITED QUANTITY in accordance with TDG.

 Environmental hazards (IMDG or other)
 None

 Bulk transport (usually more than 450 L in capacity)
 Possible



	Section 15. Regulatory information			
Safety/health Canadian regulations specifics Refer to Section 2 for the appropriate classification. This product has been classified in accordance				
	with the hazard criteria of the Hazardous Products Regulations (HPR).			
Environmental Canadian regulations specifics Refer to Section 3 for ingredient(s) of the DSL				
	ivironmental outside regulations specifics			
	SHA information: This product is regulated according to OSHA (29 CFR).			
	A (Environmental Protection Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14.			
United States TC	SA information: Refer to the ingredients listed in Section 3.			
National Fire Pro	ptection Association (NFPA):			
HEALTH: 3	FLAMMABILITY: 1 INSTABILITY: 0 SPECIAL HAZARDS: Refer to Section 2 & 3.			
HAZARD SCAL	LE: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe			
	Section 16. Other information			
	st revision of the safety data sheet October 30, 2024 version 2 (Labsuface)			
Corrections	New address and section 3 update.			
References	Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS.			
Abbreviations				
ACGIH	American Conference of Governmental Industrial Hygienists			
ATE	Acute toxicity estimate			
CAS	Chemical Abstract Service			
DSL	Domestic Substance List			
IARC	International Agency for Research on Cancer			
IATA	International Air Transport Association			
IMDG	International Maritime Dangerous Goods Code			
LC	Lethal concentration			
LD	Lethal Dosage			
NIOSH	National Institute for Occupational Safety and Health			
NTP	National Toxicology Program (U.S.A.)			
OSHA	Occupational Safety and Health Administration (U.S.A.)			
PEL	Permissible Exposure Limit			
STEL	Short-term Exposure Limit			
TDG	Transport of dangerous goods in Canada			
TLV	Threshold Limit Value			
TSCA	Toxic Substances Control Act			
TWA	Time Weighted Average			
WHMIS	Workplace Hazardous Materials Information System			
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information provided herein, and shall under no circumstances be liable for incidental or consequential damages. Users are responsible to verify whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. In order to meet our strict requirements, we are				
continuously testing our coatings and on occasion, formulations may be modified to improve certain properties within each coating. Information and data included in				
this reference document may not be up to date as of the date of reference.				