

SAFETY DATA SHEET

1. Identification

Label elements

Product number	HIL0113355
Product identifier	HILLYARD BASEBOARD STRIPPER
Revision date	02-15-2019
Company information	HILLYARD INC 302 North 4th Street St. Joseph, MO 64501 United States
Company phone	816-383-8285
Emergency telephone US	1-800-424-9300
Version #	02
Supersedes date	12-13-2018
Recommended use	CLEANER
Recommended restrictions	None known.
2. Hazard(s) identification	

Physical hazards Flammable aerosols		Category 1
	Gases under pressure	Liquefied gas
Health hazards	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2
	Sensitization, skin	Category 1
OSHA defined hazards	Not classified.	

Signal word	Danger		
Hazard statement	Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.		
Precautionary statement			
Prevention	Keep away from heat/sparks/open flames/hot surfaces No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing gas. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves.		
Response	If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.		
Storage	Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F.		
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.		
Environmental hazards	Hazardous to the aquatic environment, acute Category 3 hazard		
	Hazardous to the aquatic environment, Category 3 long-term hazard		
Hazard(s) not otherwise classified (HNOC)	None known.		
Supplemental information	None.		

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
2-butoxyethanol		111-76-2	20 - 40
Butane		106-97-8	2.5 - 10
Propane		74-98-6	1 - 2.5
EDTA Tetrasodium Salt		64-02-8	0.1 - 1
Pine Oil		8002-09-3	0.1 - 1
Other components below reportable levels			60 - 80

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Not likely, due to the form of the product. In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.
Most important symptoms/effects, acute and delayed	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media Unsuitable extinguishing media	Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2). None known.
Specific hazards arising from the chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Fire fighting equipment/instructions	In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.
General fire hazards	Extremely flammable aerosol. Contents under pressure. Pressurized container may explode when exposed to heat or flame.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up	Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Use water spray to reduce vapors or divert vapor cloud drift. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent product from entering drains. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.
	Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.
7. Handling and storage	
Precautions for safe handling	Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Close valve after each use and when empty. Protect cylinders from physical damage; do not drag, roll, slide, or drop. When moving cylinders, even for short distances, use a cart (trolley, hand truck, etc.) designed to transport cylinders. Suck back of water into the container must be prevented. Do not allow backfeed into the container. Purge air from system before introducing gas. Use only properly specified equipment which is suitable for this product, its supply pressure and temperature. Contact your gas supplier if in doubt. Do not re-use empty containers. Do not get in eyes, on skin, or on clothing. Avoid breathing gas. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Level 1 Aerosol.
	Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in a well-ventilated place. Cylinders should be stored upright, with valve protection cap in place, and firmly secured to prevent falling or being knocked over. Stored containers should be periodically checked for general condition and leakage. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Туре	Value	Value	
2-butoxyethanol (CAS 111-76-2)	PEL	240 mg/m3		
		50 ppm		
Propane (CAS 74-98-6)	PEL	1800 mg/m3		
		1000 ppm		
US. ACGIH Threshold Limit Valu	es			
Components	Туре	Value		
2-butoxyethanol (CAS 111-76-2)	TWA	20 ppm		
Butane (CAS 106-97-8)	STEL	1000 ppm		
US. NIOSH: Pocket Guide to Che	mical Hazards			
Components	Туре	Value		
2-butoxyethanol (CAS 111-76-2)	TWA	24 mg/m3		
		5 ppm		
Butane (CAS 106-97-8)	TWA	1900 mg/m3		
		800 ppm		
Propane (CAS 74-98-6)	TWA	1800 mg/m3		
		1000 ppm		

ACGIH Biological Expose Components	Value	Determinant	Specimen	Sampling Time
2-butoxyethanol (CAS 111-76-2)	200 mg/g	Butoxyacetic acid (BAA), with hydrolysis	Creatinine in urine	*
* - For sampling details, pl	ease see the source of			
posure guidelines				
US - California OELs: Ski	in designation			
2-butoxyethanol (CAS US - Minnesota Haz Subs			absorbed throug	gh the skin.
2-butoxyethanol (CAS US - Tennessee OELs: S		Skin de	signation applies	S.
2-butoxyethanol (CAS US NIOSH Pocket Guide			absorbed throug	gh the skin.
2-butoxyethanol (CAS US. OSHA Table Z-1 Limi			absorbed throug)0)	gh the skin.
2-butoxyethanol (CAS	111-76-2)	Can be	absorbed throug	gh the skin.
ppropriate engineering ntrols	should be match or other enginee exposure limits h	ned to conditions. If ap ring controls to maintan nave not been establis	blicable, use proe in airborne levels ned, maintain air	our) should be used. Ventilation rates cess enclosures, local exhaust ventilatior s below recommended exposure limits. If borne levels to an acceptable level. Eye e when handling this product.
dividual protection measur	es, such as persona	I protective equipme	nt	
Eye/face protection	Face shield is re	commended. Wear sa	fety glasses with	ı side shields (or goggles).
Skin protection				
Hand protection	Wear appropriat supplier.	e chemical resistant g	oves. Suitable g	loves can be recommended by the glove
Other	Wear appropriat	e chemical resistant c	othing. Use of ar	n impervious apron is recommended.
Respiratory protection	If permissible lev air-supplied resp		NIOSH mechan	ical filter / organic vapor cartridge or an
Thermal hazards	Wear appropriat	e thermal protective cl	othing, when neo	cessary.
eneral hygiene nsiderations	after handling th	e material and before tective equipment to re	eating, drinking,	nal hygiene measures, such as washing and/or smoking. Routinely wash work ants. Contaminated work clothing should

9. Physical and chemical properties

Appearance		
Physical state	Gas.	
Form	Aerosol. Liquefied gas.	
Color	Not available.	
Odor	Not available.	
Odor threshold	Not available.	
рН	11.5 - 12.5	
Melting point/freezing point	Not available.	
Initial boiling point and boiling range	212 °F (100 °C) estimated	
Flash point	-156.0 °F (-104.4 °C) PROPELLANT estimated	
Evaporation rate	Not available.	
Flammability (solid, gas)	Not available.	
Upper/lower flammability or explosive limits		
Flammability limit - lower	Not available.	

Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	473 °F (245 °C) estimated
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Heat of combustion (NFPA 30B)	10.68 kJ/g estimated
Oxidizing properties	Not oxidizing.
Specific gravity	0.933 estimated
10 Stability and reactivity	

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Heat. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Nitrates. Fluorine. Chlorine.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

······································			
Inhalation	nhalation No adverse effects due to inhalation are expected.		
Skin contact	Causes skin irritation. May cause an allergic skin reaction.		
	2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.		
Eye contact	Causes serious eye irritation.		
Ingestion	Expected to be a low ingestion hazard.		
Symptoms related to the physical, chemical and toxicological characteristics	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.		

Information on toxicological effects

Acute toxicity	May cause an allergic skin reaction.	
Components	Species	Test Results
2-butoxyethanol (CAS 11	1-76-2)	
Acute		
Dermal		
LD50	Guinea pig	7.3 ml/kg, 4 Days
		0.23 ml/kg, 24 Hours
	Rabbit	435 mg/kg, 24 Hours

omponents	Species	Test Results
		0.68 ml/kg, 24 Hours
		0.63 ml/kg
	Rat	> 2000 mg/kg, 24 Hours
Inhalation		
LC50	Rabbit	400 ppm, 7 Hours
	Rat	450 ppm, 4 Hours
Oral		
LD100	Rabbit	695 mg/kg
LD50	Dog	> 695 mg/kg
	Guinea pig	1414 mg/kg
	Mouse	1519 mg/kg
	Rat	1746 mg/kg
tane (CAS 106-97-8)		
Acute		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l
DTA Tetrasodium Salt (CAS 64-	02-8)	
<u>Acute</u>		
Oral	Rat	1659 mg/kg
LD50	Rai	1658 mg/kg
opane (CAS 74-98-6) <u>Acute</u>		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l
		658 mg/l/4h
* Estimates for product may b	be based on additional component data not s	shown.
in corrosion/irritation	Causes skin irritation.	
erious eye damage/eye	Causes serious eye irritation.	
itation spiratory or skin sensitizatio	_	
Respiratory or skin sensitizatio	n Not a respiratory sensitizer.	
Skin sensitization	May cause an allergic skin reaction.	
erm cell mutagenicity		ny components present at greater than 0.1% are
Sin Son matagementy	mutagenic or genotoxic.	
arcinogenicity	This product is not considered to be a car	cinogen by IARC, ACGIH, NTP, or OSHA.
IARC Monographs. Overall	Evaluation of Carcinogenicity	
2-butoxyethanol (CAS 11		sifiable as to carcinogenicity to humans.
	ed Substances (29 CFR 1910.1001-1050)	
Not regulated. US. National Toxicology Pre	ogram (NTP) Report on Carcinogens	
Not listed.		
eproductive toxicity	This product is not expected to cause rep	roductive or developmental effects.
nooific torract orrach torrigity	Not classified.	
pecific target organ toxicity -		

Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not likely, due to the form of the product.
Chronic effects	May be harmful if absorbed through skin.
	2 Butovy otheral may be absorbed through the ski

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

12. Ecological information

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Components		Species	Test Results
2-butoxyethanol (CA	S 111-76-2)		
Aquatic			
Fish	LC50	Inland silverside (Menidia beryllina)	1250 mg/l, 96 hours
EDTA Tetrasodium S	Salt (CAS 64-02-8)		
Aquatic			
Algae	IC50	Algae	1.01 mg/L, 72 Hours
Fish	LC50	Bluegill (Lepomis macrochirus)	472 - 500 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)			
2-butoxyethanol	0.83		
Butane	2.89		
Propane	2.36		
Mobility in soil	No data available.		
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.		

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

14. Transport information

DOT	
UN number	UN1950
UN proper shipping name	Aerosols, flammable, (each not exceeding 1 L capacity)
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
· ·	r Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306

Product name: HILLYARD BASEBOARD STRIPPER

Packaging non bulk	None
Packaging bulk	None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking.

ΙΑΤΑ

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Environmental hazards	No.
ERG Code	10L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.
Packaging Exceptions	LTD QTY
IMDG	
UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Environmental hazards	
Marine pollutant	No.
EmS	F-D, S-U
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
Packaging Exceptions	LTD QTY
Transport in bulk according to	Not applicable.
Annex II of MARPOL 73/78 and	
the IBC Code	

DOT





General information

Avoid transport on vehicles where the load space is not separated from the driver's compartment. Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency. Before transporting product containers: Ensure that containers are firmly secured. Ensure cylinder valve is closed and not leaking. Ensure valve outlet cap nut or plug (where provided) is correctly fitted. Ensure valve protection device (where provided) is correctly fitted. Ensure adequate ventilation. Ensure compliance with applicable regulations.

15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

oupon				
Ha	azard categories	Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - Yes Pressure Hazard - Yes Reactivity Hazard - No		
S	ARA 302 Extremely hazard	ous substance		
	Not listed.			
	ARA 311/312 Hazardous nemical	No		
S	ARA 313 (TRI reporting)			
	Chemical name		CAS number	% by wt.
	2-butoxyethanol		111-76-2	20 - 40
Other	federal regulations			
CI	ean Air Act (CAA) Section	112 Hazardous Air Pollutant	s (HAPs) List	
	Not regulated.			
CI	ean Air Act (CAA) Section	112(r) Accidental Release P	revention (40 CFR 68	8.130)
	Butane (CAS 106-97-8)			
	Propane (CAS 74-98-6)			
	afe Drinking Water Act DWA)	Not regulated.		

US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100) Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

2-butoxyethanol (CAS 111-76-2) Butane (CAS 106-97-8)

	US. Massachusetts RTK - Substance List 2-butoxyethanol (CAS 111-76-2)						
	Butane (CAS 106-97-8)	Π-70-Z)					
	Propane (CAS 74-98-6)						
	US. New Jersey Worker and Community Right-to-Know Act						
	2-butoxyethanol (CAS 1 Butane (CAS 106-97-8) Pine Oil (CAS 8002-09-3 Propane (CAS 74-98-6)	3)					
	US. Pennsylvania Worker a		ght-to-Know Law				
	2-butoxyethanol (CAS 1 Butane (CAS 106-97-8) Propane (CAS 74-98-6)	11-76-2)					
	US. Rhode Island RTK						
	Butane (CAS 106-97-8) Propane (CAS 74-98-6)						
	US. California Proposition 65 WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.						
	US - California Proposition 65 - CRT: Listed date/Carcinogenic substance						
	1,4-Dioxane (CAS 1	,	Listed: January 1, 1988				
	Ethylene Oxide (CA		Listed: July 1, 1987				
			ed date/Developmental toxin				
	Ethylene Oxide (CA	,	Listed: August 7, 2009 ed date/Female reproductive toxin				
	Ethylene Oxide (CA		Listed: February 27, 1987				
			ed date/Male reproductive toxin				
	Ethylene Oxide (CA		Listed: August 7, 2009				
Int	ernational Inventories	,	C A				
	Country(s) or region	Inventory name		On inventory (yes/no)*			
	Australia	-	ory of Chemical Substances (AICS)	No			
	Canada	Domestic Substa	Inces List (DSL)	Yes			
	Canada		ubstances List (NDSL)	No			
	China		ting Chemical Substances in China (IECSC)	No			
		-	· · · · · ·				

New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
	nents of this product comply with the inventory requirements administered by the governing country(s) components of the product are not listed or exempt from listing on the inventory administered by the governments of the product are not listed or exempt from listing on the inventory administered by the governments of the product are not listed or exempt from listing on the inventory administered by the governments of the product are not listed or exempt from listing on the inventory administered by the governments of the product are not listed or exempt from listing on the inventory administered by the governments of the product are not listed or exempt from listing on the inventory administered by the governments of the product are not listed or exempt from listing on the inventory administered by the governments of the product are not listed or exempt from listing on the inventory administered by the governments of the product are not listed or exempt from listing on the inventory administered by the governments of the product are not listed or exempt from listing on the inventory administered by the governments of the product are not listed or exempt from listing on the inventory administered by the governments of the product are not listed or exempt from listing on the inventory administered by the governments of the product are not listed or exempt from listing on the inventory administered by the governments of the product are not listed or exempt from listing on the inventory administered by the governments of the product are not listed or exempt from listed or exempt fro	erning

European Inventory of Existing Commercial Chemical

European List of Notified Chemical Substances (ELINCS)

Inventory of Existing and New Chemical Substances (ENCS)

16. Other information, including date of preparation or last revision

Substances (EINECS)

Existing Chemicals List (ECL)

Europe

Europe

Japan

Korea

Issue date	12-13-2018
Revision date	02-15-2019
Version #	02
Disclaimer	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.

No

No

No

No