SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING			
1.1 Product identifier			
Product name:	HARMONIC GREASE® SK-3		
Product code:	None.		
SDS No.	M-7343		
1.2 Relevant identified uses o	f the substance or mixture and uses advised against		
Use of the	Grease for industrial applications.		
substance/mixture:	No further relevant information available.		
Recommend	Not applicable.		
use/Restrictions on use:			
1.3 Details of the supplier of the safety data sheet			
Company name:	Harmonic Drive LLC.		
Address:	42 Dunham Ridge, Beverly, MA 01915		
Telephone number:	978-532-1800		
1.4 Emergency telephone number			
	978-532-1800		

SECTION 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
--

Classification(EC1272/2008):	The product is not classified as hazardous according to the CLP regulation.		
Physical hazards:	Flammable solids:	Not classified.	
-	Pyrophoric solids:	Not classified.	
	Self-heating substances and mixtures:	Not classified.	
	Corrosive to metals:	Not classified.	
Health hazards:	Acute toxicity-Oral:	Classification not possible.	
	Acute toxicity-Dermal:	Classification not possible.	
	Acute toxicity-Inhalation: mist:	Classification not possible.	
	Skin corrosion/irritation:	Classification not possible.	
	Eye damage/ irritation:	Classification not possible.	
	Sensitization-Respiratory:	Classification not possible.	
	Sensitization-Skin:	Classification not possible.	
	Germ cell mutagenicity:	Classification not possible.	
	Carcinogenicity:	Classification not possible.	
	Reproductive toxicity:	Classification not possible.	
	Specific target organ toxicity -Single exposure:	Classification not possible.	
	Specific target organ toxicity -Repeated exposure:	Classification not possible.	
	Aspiration hazard:	Classification not possible.	
Environmental hazards:	Hazardous to the aquatic environment -Acute (short-term) aquatic toxicity:	Classification not possible.	

SAFETY DATA SHEET

	Hazardous to the aquatic environment Classification not possible. -Chronic (long term) aquatic toxicity: Classification not possible.		
	The hazards without the above mention are "Not applicable" or "Classification not possible".		
Classification(OSHA HCS 29	CFR 1910.1200):		
	The product is not classified as hazardous according to OSHA GHS regulations within the		
	United States.		
2.2 Label elements			
Hazard pictogram(s):	No pictogram.		
Signal word:	No signal word.		
Hazard statement(s):	No hazard statement.		
Precautionary statement(s):			
Prevention:	Not required.		
Response:	Not required.		
Storage:	Not required.		
Disposal:	Not required.		
2.3 Other hazards			
Other hazards which do	Combustibility. Keep away from ignition sources such as heat/sparks/open flames.		
not result in classification:			

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture

Mixture

Ingredient(s):	
mgreulenu(s):	

Chemical name	CAS#	EC#	Wt%	EU	EU	USA OSUA DEL	ACGIH	EU
/ Generic name				Hazard class	Category code	OSHA PEL	TLV	ILV
Refined mineral base	Confidential	Confidential	85-95	None	None	5mg/m ³	5mg/m ³	Not
oil						(TWA: as oil	(TWA: as oil mist)	established
						mist)		
Lithium soap	Confidential	Confidential	1-10	None	None	Not established	Not established	Not
thickener								established
Additives	Confidential	Confidential	1-10	None	None	Not established	Not established	Not
						(Except the	(Except the below)	established
						below)		
(Organic	68412-26-0	270-180-5	(1-5)	None	None	15 mg/m ³	10 mg/m ³	Not
molybdenum.)						TWA : Total	TWA : Insoluble	established
						dust as Mo	compounds, as	
							Мо	

Carcinogen:

Chemical name: None. CAS#:

Reference:

No component of this product is listed as a human carcinogen or a potential carcinogen in IARC Monographs, U.S. NTP, OSHA regulation, and Annex VI of Regulation (EC) 1272/2008.

Refined mineral base oil, by definition, is considered hazardous according to OSHA. Because it carries Threshold limit value(TLV) for mineral oil mist. Refined mineral base oil contain <3.0% DMSO extractable material.

PBT substance and vPvB substance:

Chemical name: None. CAS#: Category:

No component of this product is a PBT or vPvB substance under Regulation (EC)1907/2006.

A statement that the specific chemical identity(ies) and/or exact percentage(s) of composition has been withheld as a trade secret.

SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation:	Remove exposed person to fresh air if adverse effects are observed.			
Skin:	Wash with soap and water. Get medical attention if irritation develops.			
Eye:	Flush immediately with water for at least 15 minutes. Get immediate medical attention.			
Ingestion:	Do not make person vomit unless directed to do so by medical personnel.			
Protection of first-aiders:	No action shall be taken involving any personal risk or without suitable training.			
4.2 Most important symptoms and effects, both acute and delayed				
	See Section 11 for more detailed information on health effects and symptoms.			
4.3 Indication of any immediate medical attention and special treatment needed				
Notes to physician:	Treatment should in general be symptomatic and directed to relieving any effects.			

SECTION 5 FIRE FIGHTING MEASURES

5.1 Extinguishing media

5.1 Exunguishing meuta			
Suitable extinguishing media:	Use water fog, foam, dry chemical or carbon dioxide to extinguish flames.		
Unsuitable extinguishing	DO NOT use forcible water. See Section 11 for more detailed information on health effects and		
media:	symptoms.		
5.2 Special hazards arising from th	e substance or mixture		
Hazards from the substance	In a fire or if heated, a pressure increase will occur and the container may burst.		
or mixture:			
Hazardous combustion	Combustion products may include the following:		
products:	Carbon oxides (CO, CO ₂), oxides of sulfur.		
5.3 Advice for firefighters			
Special precautions for	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a		
fire-fighters:	fire. No action shall be taken involving any personal risk or without suitable training.		
Special protective equipment	Fire-fighters should wear appropriate protective equipment and self-contained breathing		
for fire-fighters:	apparatus with a full face-piece operated in positive pressure mode.		

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures			
For non-emergency	Eliminate all ignition sources. Evacuate surrounding areas.		
personnel:			
For emergency responders:	Particular danger of slipping on leaked/spilled product.		
6.2 Environmental precautions			

SAFETY DATA SHEET

Should be prevented from contaminating soil or from entering sewage and drainage systems

and bodies of water.

Small spill:	Move containers from spill area. Absorb with an inert material and place in an appropriate
	waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill:	Move containers from spill area. Prevent entry into sewers, water courses, basements or
	confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand,
	earth, vermiculite or diatomaceous earth and place in container for disposal according to local
	regulations. Suction or scoop the spill into appropriate disposal or recycling vessels, then cover
	spill area with oil absorbent. Dispose of via a licensed waste disposal contractor.
6.4 Reference to Other Sections	
	See SECTION 7 for information on safe handling.
	See SECTION 8 for information on personal protection equipment.

See SECTION 13 for disposal information.

SECTION 7 HANDLING AND STORAGE

7.1 Precautions for safe handling				
Protective measures:	Put on appropriate personal protective equipment (see SECTION8).			
Advice on general	Workers should wash hands and face before eating, drinking and smoking. Avoid contact			
occupational hygiene:	with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or			
	an approved alternative made from a compatible material, kept tightly closed when not in use.			
	Empty containers retain product residue and can be hazardous. Do not reuse container.			
7.2 Conditions for safe storage, including any incompatibilities				
	Store in accordance with local regulations. Store in a dry, cool and well-ventilated area, away			
	from incompatible materials (see SECTION 10). Keep away from heat and direct sunlight.			
	Keep container tightly closed and sealed until ready for use. Containers that have been opened			
	must be carefully resealed and kept upright to prevent leakage. Store and use only in			
	equipment/ containers designed for use with this product. Do not store in unlabeled containers.			
Not suitable:	Prolonged exposure to elevated temperature.			
7.3 Specific end use(s)				
	No further relevant information available.			

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

No exposure limit value known on the product itself.
OHSA PEL: TWA: 5 mg/m ³ 8 hours. (as oil mist, mineral)
ACGIH TLV: TWA: 5 mg/m ³ 8 hours. (as oil mist, mineral)
NIOSH REL: TWA: 5 mg/m ³ 10 hours. (as oil mist, mineral)
EU ILV: Not established

8.2 Exposure controls

SAFETY DATA SHEET

Appropriate engineering	Wh	en mist is gei	nerated, the limited part sho	uld be ventilated.
controls:	Aw	vashing facili	ty/water for eye and skin cle	eaning purposes should be present.
Individual protection measures	, such	n as personal	l protective equipment	
Eye/face protection:	Ø	Required	Not required	Wear safety glasses with side shields.
Skin(hand/other) protection:	\mathbf{N}	Required	Not required	To prevent contact, wear impervious clothing
				such as gloves, apron.
Respiratory protection:		Required	☑ Not required	No special respiratory protection equipment is
				required under normal conditions of use with
				adequate ventilation.
				In case of insufficient ventilation, wear suitable
				respiratory equipment.
Thermal hazards:		Required	☑ Not required	Not normally required.
Environmental exposure	Avo	oid release to	the environment.	
controls:				

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Smooth, yellow, semi-solid.
Odor:	Bland odor.
Odor threshold:	Not determined.
pH:	Not determined.
Melting point/ freezing	Not determined.
point(°C):	
Initial boiling point and	Undetermined.
boiling range (°C):	
Flash point(°C):	>160 (SETA)
Evaporation rate:	Not determined.
Upper/lower flammability or	Not determined.
explosive limits:	
Vapor pressure:	Not determined.
Relative density:	Not determined.
Density/specific gravity:	Ca. 0.92 (25°C)
Solubility(ies):	Negligible (in water).
Partition coefficient: n-	Not determined.
octanol/water:	
Auto-ignition	Not determined.
temperature(°C):	
Decomposition	Not determined.
temperature(°C):	
Viscosity(m Pa s):	Not determined.

SAFETY DATA SHEET

Explosive properties:	Not determined.
Oxidizing properties:	Not determined.
9.2 Other information	
	No further relevant information available.
SECTION 10 STABILITY AND	REACTIVITY
10.1 Reactivity	No specific test data available for this product.

10.2 Chemical stability	☑ Stable □ Unstable
10.3 Possibility of hazardous rea	ctions
	□ May Occur ☑ Will not occur
10.4 Conditions to avoid	Heat, sparks, flames, and other ignition sources.
10.5 Incompatible materials	Acids. Oxidizing agents such as H ₂ O ₂ , permanganates and perchlorates.
	Halogens and halogenated compounds.
10 CH	h -4-

10.6 Hazardous decomposition products

Carbon oxides (CO, CO₂), oxides of sulfur.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Likely routes of exposure:	Eye contact, skin, ingestion.
Linely I buttes of exposures	Eye contact, binn, ingebuoin

Symptoms related to the physical, chemical, and toxicological characteristics:

See SECTION 4 for skin contact, eye contact, and ingestion.

Delayed and immediate effects and also chronic effects from short and long term exposure:

	Not applicable.
Numerous measures of toxicity	:
	Not applicable.
Acute toxicity:	Oral rats LD50: > 5000 mg/kg, (Base oil).
	Dermal rats LD50: > 5000 mg/kg, (Base oil).
	Inhalation (vapor): No data available.
	Inhalation (mist) : No data available.
Skin corrosion/irritation:	No known significant effects or critical hazards.
Serious eye damage/ irritation:	No known significant effects or critical hazards.
Sensitization-Respiratory:	No known significant effects or critical hazards.
Sensitization-Skin:	No known significant effects or critical hazards.
Germ cell mutagenicity:	No known significant effects or critical hazards.
Carcinogenicity:	Base oil, Thickener, Additives: Not listed by IARC, OSHA, NTP, EU and ACGIH.
Toxic to reproduction:	No known significant effects or critical hazards.
Specific target organ systemic toxicity following single	No known significant effects or critical hazards.
exposure:	

SAFETY DATA SHEET

Specific target organ systemic toxicity following repeated exposure:	No known significant effects or critical hazards.
Aspiration hazard:	No known significant effects or critical hazards.
Other information:	No further relevant information available.

SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity	
Aquatic:	No further relevant information available.
Terrestrial:	No further relevant information available.
12.2 Persistence and degradability	
	No specific test data available for this product.
12.3 Bioaccumulative potential	No further relevant information available.
12.4 Mobility in soil	No further relevant information available.
12.5 Results of PBT and vPvB asse	ssment
	Not applicable.
12.6 Other adverse effects	No additional information available.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product and packaging:	Place contaminated materials in disposable containers and dispose of in a manner consistent
	with applicable regulations. Contact local environmental or health authorities for approved
	disposal of this material.

SECTION 14 TRANSPORT INFORMATION

14.1 UN number	Not regulated.
14.2 UN proper shipping name	Not regulated.
14.3 Transport hazard class(es)	Not regulated.
14.4 Packing group	Not regulated.
14.5 Environmental hazards	
Marine pollutant:	□ Yes Chemical name (wt%)
	☑ No
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to	O Annex II of MARPOL 73/78 and the IBC Code
	Not applicable.

SECTION 15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU information
(EC)1907/2006
Title VII:

Not regulated.

(BC)1997/2006 Title VIE: Not regulated. (BC)1005/2009: Not regulated. (BC)005/2001: Not regulated. (BC)005/2001: Not regulated. (BC)05/2002: Not required. Precenting of ingredient(s) Not regulated. (BOOC): Percentage of ingredient(s) Percentage of ingredient(s) Not applicable. (BC)07: Percentage of ingredient(s) Not applicable. WP%: Classified hazards Not applicable. (BC)07: Percentage of ingredient(s) Not applicable. State information SARA Title III § 313 Chemical name: None. WP%: Others No further relevant information available. Istate information </th <th></th> <th></th> <th></th> <th></th> <th></th>					
GEC)1005/2009: Not regulated. GEC)805/2004: Not regulated. GEC)649/2012: Not regulated. Others: No further relevant information available. USA information Iterature reference:		Not regulated.			
(FC)8052004: Not regulated. (FU)649/2012: Not regulated. Others: No further relevant information available. USA information TSCA (Toxic substances control act) Information Not regulated. All ingredients are listed. Information on the label under OSHA HCS Signal word: Signal word: Not required. Hazard statement(s): Not required. Precautionary statement(s): Not required. Precentage of ingredients Not applicable. (HNOC): Percentage of ingredients Percentage of ingredient(s) Not applicable. with unknown toxicity: SARA Title III § 313 Chemical name: None. Wt%: Others No further relevant information available. IS2 Chemical safety assessment This product contains substances for which Chemical Safety Assessments are still required. SECTION 16 OTHER INFORMATION Other information NFPA safety information: NFPA safety information: Insubility : 0 Special hazard: None. Signal hazard: None. Special hazard: Nore: 3, Severe: 4 Date of issue	(EC)1005/2009:				
(FU)649/2012: Not regulated. Others: No farther relevant information available. USA information Not regulated. All ingredients are listed. Information on the label under OSHA FICS Signal word: Not required. Hazard statement(s): Not required. Information Precentionary statement(s): Not required. Information Precentionary statement(s): Not applicable. Information With unknown toxicity: SARA Title III § 313 Othernical name: None. Wt%: Others No further relevant information available. Safety assessments are still required. Is2 Chemical safety assessment This product contains substances for which Chemical Safety Assessments are still required. SECTION 16 OTHER INFORMATION Protection Associatio nating identifies hazards and in a socialable. Notional Fire Protection Associatio nating identifies hazards during a fir encycry. SPTA safety information Precention Associatio nating identifies hazards during a fir encycry. Notional Fire Protection Associatio nating identifies hazards during a fir encycry. Subtor of issue: April 26, 2011 Teability : 1 Instability : 2 Notional Fire Protection Associatio nating identifies hazards during a fir encycry. Subtor of the last change to it: <					
Others: No further relevant information available. USA information Not regulated. All ingredients are listed. Information on the label under OSHA HCS Signal word: Not required. Hazard statement(s): Not required. Information Precautionary statement(s): Not required. Information Precautionary statement(s): Not required. Information Precautionary statement(s): Not applicable. Information Precentage of ingredient(s) Not applicable. Information With unknown toxicity: SARA Title III § 313 Chemical name: None. Wt%:: California Proposition 65 Chemical name: None. Wt%:: Others Others No further relevant information available. Isignal value data and state assessment are still required. SECTION 16 OTHER INFORMATION Mational Fire Protection Association rating identifies hazards during a fir energeny. National Fire Protection Associatio rating identifies hazards during a fir energeny. SECTION 16 OTHER INFORMATION Pammability : 1 Instability : 0 National Fire Protection Associatio rating identifies hazards during a fir energeny. Date of issue: April 26, 2011 The tability : 0 Serious: 3, Sev					
Not regulated. All ingredients are listed. Information on the label under OSHA HCS Signal word: Not required. Hazard statement(s): Not required. Precoationary statement(s): Not required. Precoationary statement(s): Not required. Unclassified hazards Not applicable. (HNOC): Percentage of ingredient(s) Percentage of ingredient(s) Not applicable. with unknown toxicity: SARA Title III § 313 Chemical name: None. Wt%: California Proposition 65 Chemical name: None. SECTION 16 Others No further relevant information available. 15.2 Chemical safety assessment This product contains substances for which Chemical Safety Assessments are still required. SECTION 16 OTHER INFORMATION Other information NFPA safety information: NFPA safety information: Health hazard : 1 Planmability : 1 National Fire Protection Association NFPA hazard rating: Chemical name: None. Sectors 3, Severe: 4 Serious: 3, Severe: 4 Date of issue: April 26, 2011 The date of preparation of the December 18,					
Not regulated. All ingredients are listed. Information on the label under OSHA HCS Signal word: Not required. Hazard statement(s): Not required. Precautionary statement(s): Not required. Precautionary statement(s): Not required. Unclassified hazards Not applicable. (HNOC): Percentage of ingredient(s) Percentage of ingredient(s) Not applicable. with unknown toxicity: SARA Title II § 313 Chemical name: None. Wt%: California Proposition 65 Chemical name: None. SECTION 16 Others No further relevant information available. This product contains substances for which Chemical Safety Assessments are still required. SECTION 16 OTHER INFORMATION Other information NPPA safety information: Health hazard 11 Instability 10 Special hazard 1: None. National Fire Protection Associatio rating identifies hazards during a fir emergency. NFPA safety information: Protection 18, 2019 Special hazard 1: None. Sectors 3, Severe: 4 Date of issue: April 26, 2011 The date of preparation of the Deccember 18, 2019 Secious: 3, Se	USA information				
Not regulated. All ingredients are listed. Information on the label under OSHA HCS Signal word: Not required. Hazard statement(s): Not required. Precautionary statement(s): Not required. Precautionary statement(s): Not required. Unclassified hazards Not applicable. (HNOC): Percentage of ingredient(s) Not applicable. with unknown toxicity: SARA Title III § 313 Chemical name: None. Wf%: California Proposition 65 Chemical name: None. Wf%: Not further relevant information available. IS2 Chemical safety assessment This product contains substances for which Chemical Safety Assessments are still required. SECTION 16 OTHER INFORMATION Other information Mational Fire Protection Associatio rating identifies hazards during a fir inging identifies hazards during a fir inginging identifies hazards during a fir	TSCA (Toxic substances contro	ol act)			
Signal word: Not required. Hazard statement(s): Not required. Pictogram(s): Not required. Precautionary statement(s): Not required. Unclassified hazards Not applicable. (HNOC): Percentionary statement(s): Not applicable. With unknown toxicity: SARA Title III § 313 Chemical name: None. Wt%:: SARA Title III § 313 Chemical name: None. Wt%:: Model of the second of t			redients are listed.		
Hazard statement(s): Not required. Pictogram(s): Not required. Precautionary statement(s): Not required. Unclassified hazards Not applicable. (HNOC):	Information on the label under	OSHA HCS			
Pictogram(s): Not required. Precautionary statement(s): Not required. Unclassified hazards Not applicable. (HNOC): Percentage of ingredient(s) Not applicable. with unknown toxicity: SARA Title III § 313 Chemical name: None. Wt%: California Proposition 65 Chemical name: None. Wt%: Others No further relevant information available. Isi product contains substances for which Chemical Safety Assessments are still required. SECTION 16 OTHER INFORMATION Health hazard :1 National Fire Protection Association rating identifies hazards during a fir energency. SPC all of issue: April 26, 2011 Health hazard None. National Fire Protection Association rating identifies hazard studing a fir energency. Date of issue: April 26, 2011 December 18, 2019 December 18, 2019 SDS or the last change to it: December 18, 2019 December 18, 2019	Signal word:	Not required.			
Precautionary statement(s): Not required. Unclassified hazards Not applicable. (HNOC): Percentage of ingredient(s) Not applicable. with unknown toxicity: SARA Title III § 313 Chemical name: None. Wt%: California Proposition 65 Chemical name: None. Wt%: Others No further relevant information available. Image: None of the set change to it: National Fire Protection Association rating identifies hazard studing a fire energency. SECTION 16 OTHER INFORMATION Health hazard :1 National Fire Protection Association rating identifies hazard studing a fire energency. NFPA safety information Health hazard :1 National Fire Protection Association rating identifies hazard studing a fire energency. Date of issue: April 26, 2011 December 18, 2019 Soft the last change to it: December 18, 2019	Hazard statement(s):	Not required.			
Unclassified hazards Not applicable. (HNOC): Percentage of ingredient(s) Percentage of ingredient(s) Not applicable. with unknown toxicity: SARA Title III § 313 Chemical name: None. Wt%: California Proposition 65 Chemical name: None. Others No further relevant information available. 15.2 Chemical safety assessment This product contains substances for which Chemical Safety Assessments are still required. SECTION 16 OTHER INFORMATION Other information Netional Fire Protection Association arting identifies hazards during a fire energency. NFPA safety information: Health hazard : 1 National Fire Protection Association arting identifies hazards during a fire energency. NFPA safety information: Health hazard : 1 National Fire Protection Association atting identifies hazards during a fire energency. Special hazard : None. Serious: 3, Severe: 4 Date of issue: April 26, 2011 The date of preparation of the December 18, 2019 SDS or the last change to it: December 18, 2019	Pictogram(s):				
Unclassified hazards Not applicable. (HNOC): Percentage of ingredient(s) Percentage of ingredient(s) Not applicable. with unknown toxicity: SARA Title III § 313 Chemical name: None. Wt%: California Proposition 65 Chemical name: None. Others No further relevant information available. 15.2 Chemical safety assessment This product contains substances for which Chemical Safety Assessments are still required. SECTION 16 OTHER INFORMATION Other information Netional Fire Protection Association arting identifies hazards during a fire energency. NFPA safety information: Health hazard : 1 National Fire Protection Association arting identifies hazards during a fire energency. NFPA safety information: Health hazard : 1 National Fire Protection Association atting identifies hazards during a fire energency. Special hazard : None. Serious: 3, Severe: 4 Date of issue: April 26, 2011 The date of preparation of the December 18, 2019 SDS or the last change to it: December 18, 2019	-				
Percentage of ingredient(s) with unknown toxicity: Not applicable. SARA Title III § 313 Chemical name: None. Wt%: California Proposition 65 Chemical name: None. Wt%: Others No further relevant information available. Safety assessment I5.2 Chemical safety assessment This product contains substances for which Chemical Safety Assessments are still required. SECTION 16 OTHER INFORMATION Other information Health hazard : 1 National Fire Protection Associatio rating identifies hazards during a fir emergency. NFPA safety information: Health hazard : 1 National Fire Protection Associatio rating identifies hazard atoring a fir emergency. Date of issue: April 26, 2011 Health hazard : None. Nore. SDS or the last change to it December 18, 2019 SDS or the last change to it December 18, 2019					
with unknown toxicity: SARA Title III § 313 Chemical name: None. Wt%: California Proposition 65 Chemical name: None. Others No further relevant information available. 15.2 Chemical safety assessment This product contains substances for which Chemical Safety Assessments are still required. SECTION 16 OTHER INFORMATION Other information Health hazard : 1 Flammability : 1 National Fire Protection Association rating identifies hazards during a fir emergency. NFPA safety information: Imatability : 0 Special hazard : None. Neight 1, Moderate: 2, Serious: 3, Severe: 4 Date of issue: April 26, 2011 The date of preparation of the SDS or the last change to it: December 18, 2019	(HNOC):				
with unknown toxicity:	Percentage of ingredient(s)	Not applicable.			
Chemical name: None. Wt%: California Proposition 65 Chemical name: None. Wt%: Others No further relevant information available. 15.2 Chemical safety assessment This product contains substances for which Chemical Safety Assessments are still required. SECTION 16 OTHER INFORMATION This product contains substances for which Chemical Safety Assessments are still required. Other information Health hazard : 1 National Fire Protection Association remergency. NFPA safety information: Health hazard : 1 National Fire Protection Association remergency. NFPA safety information: Health hazard : 1 National Fire Protection Association remergency. NFPA safety information: Special hazard : None. National Fire Protection Association remergency. Date of issue: April 26, 2011 Special hazard : None. National Fire Protection Association remergency. SDS or the last change to it: December 18, 2019 Special hazard : None. Serious: 3, Severe: 4	with unknown toxicity:				
California Proposition 65 Chemical name: None. Wt%: Others No further relevant information available. 15.2 Chemical safety assessment This product contains substances for which Chemical Safety Assessments are still required. SECTION 16 OTHER INFORMATION Other information Health hazard : 1 NFPA safety information: Health hazard : 1 Istability : 1 National Fire Protection Association rating identifies hazards during a fir emergency. NFPA safety information: Instability : 1 Istability : 0 NFPA hazard rating: Minimal: 0, Slight: 1, Moderate: 2, Special hazard : None. Serious: 3, Severe: 4 Date of issue: April 26, 2011 The date of preparation of the December 18, 2019 December 18, 2019 SDS or the last change to it: Literature reference:	SARA Title III § 313				
Chemical name: None. Wt%: Others No further relevant information available. 15.2 Chemical safety assessment This product contains substances for which Chemical Safety Assessments are still required. SECTION 16 OTHER INFORMATION Health hazard : 1 National Fire Protection Association rating identifies hazards during a fire emergency. NFPA safety information: Health hazard : 1 National Fire Protection Association rating identifies hazards during a fire emergency. Date of issue: April 26, 2011 None. Serious: 3, Severe: 4 Date of issue: April 26, 2011 December 18, 2019 Soft the last change to it: Literature reference: Literature reference: Literature reference: Literature reference:		Chemical name: Nor	ne. Wt%:		
Others No further relevant information available. 15.2 Chemical safety assessment This product contains substances for which Chemical Safety Assessments are still required. SECTION 16 OTHER INFORMATION Other information NFPA safety information: Health hazard : 1 Instability : 1 National Fire Protection Association rating identifies hazards during a fire emergency. NFPA safety information: Health hazard : 1 Flammability : 1 National Fire Protection Association rating identifies hazard sturing a fire emergency. Date of issue: April 26, 2011 Date of issue: April 26, 2011 Date of issue: April 26, 2011 Date of issue: Literature reference:	California Proposition 65				
15.2 Chemical safety assessment This product contains substances for which Chemical Safety Assessments are still required. SECTION 16 OTHER INFORMATION Other information NFPA safety information: Image: space of issue: Image: space of issue: April 26, 2011 December 18, 2019 Literature reference:		Chemical name: Nor	ne. Wt%:		
This product contains substances for which Chemical Safety Assessments are still required. SECTION 16 OTHER INFORMATION Other information National Fire Protection Associatio rating identifies hazards during a fire emergency. NFPA safety information: Health hazard : 1 National Fire Protection Associatio rating identifies hazards during a fire emergency. Date of issue: April 26, 2011 Date of issue: April 26, 2011 December 18, 2019 Eliterature reference:	Others	No further relevant information available.			
SECTION 16 OTHER INFORMATION Other information National Fire Protection Association rating identifies hazards during a fire emergency. NFPA safety information: Health hazard :1 National Fire Protection Association rating identifies hazards during a fire emergency. NFPA hazard rating: Ninimal: 0, Slight: 1, Moderate: 2, Special hazard None. NFPA hazard rating: Minimal: 0, Slight: 1, Moderate: 2, Serious: 3, Severe: 4 Date of issue: April 26, 2011 December 18, 2019 December 18, 2019 SDS or the last change to it: Literature reference: Literature reference: Literature reference:	15.2 Chemical safety assessment				
Other information NFPA safety information: Health hazard : 1 National Fire Protection Associatio rating identifies hazards during a fir emergency. Image: Plannability information: Image: Plannability information in the emergency. NFPA hazard rating: Minimal: 0, Slight: 1, Moderate: 2, Special hazard in the emergency. Date of issue: April 26, 2011 Special hazard in the emergency. The date of preparation of the SDS or the last change to it: December 18, 2019		This product contains	substances for which	h Chemical	Safety Assessments are still required.
Other information NFPA safety information: Health hazard : 1 National Fire Protection Associatio rating identifies hazards during a fir emergency. Image: Plannability information: Image: Plannability information in the emergency. NFPA hazard rating: Minimal: 0, Slight: 1, Moderate: 2, Special hazard in the emergency. Date of issue: April 26, 2011 Special hazard in the emergency. The date of preparation of the SDS or the last change to it: December 18, 2019					
NFPA safety information: Health hazard : 1 National Fire Protection Association rating identifies hazards during a fire emergency. Instability : 0 Instability : 0 NFPA hazard rating: Instability : 0 Ninimal: 0, Slight: 1, Moderate: 2, Special hazard None. Serious: 3, Severe: 4 Date of issue: April 26, 2011 December 18, 2019 December 18, 2019 Instability Instability Instability Literature reference: Literature reference: Instability Instabili	SECTION 16 OTHER INFORM	IATION			
NFPA safety information: Image: Planthazard information in the planthazard information information in the planthazard information	Other information				
Image: Planmability in the state of preparation of the store in t	NFPA safety information:		Health hazard	:1	National Fire Protection Association
Instability : 0 NPPA hazard rating: Minimal: 0, Slight: 1, Moderate: 2, Special hazard None. Special hazard : None. Serious: 3, Severe: 4 Date of issue: April 26, 2011 December 18, 2019 SDS or the last change to it: Instability Instability Instability Literature reference: Instability Instability Instability			Flammability	:1	emergency.
Special hazard None. Serious: 3, Severe: 4 Date of issue: April 26, 2011 The date of preparation of the SDS or the last change to it: December 18, 2019 Literature reference: Image: Comparison of the Supervision of the Super			Instability	:0	
The date of preparation of the December 18, 2019 SDS or the last change to it:			Special hazard	: None.	
The date of preparation of the December 18, 2019 SDS or the last change to it:					
SDS or the last change to it:	Date of issue:	April 26, 2011			
Literature reference:	The date of preparation of the	December 18, 2019			
	SDS or the last change to it:				
- U.S. Department of Labor, 29CFR Part 1910.	Literature reference:				
	- U.S. Department of Labor, 29CF	R Part 1910.			

SAFETY DATA SHEET

- U.S. Consumer Product Safety Commission, 16CFR Part 1500.

- ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices.
- U.S. Department of Health and Human Services National Toxicology Program, Annual Report on Carcinogens.
- World Health Organization International Agency for Research on Cancer, IARC Monographs on the

Evaluation on the Carcinogenic Risk of Chemicals to Humans.

- EU Regulation (EC) 1005/2009, (EC) 805/2004, (EU) 649/2012, (EC) 1907/2006, (EC) 1272/2008 and Their Amendments.

Abbreviations:

EU: European Union.

CLP: Regulation in the European Union through Classification and Labelling of Chemicals.

TSCA: Toxic Substances Control Act.

OSHA HCS: Occupational Safety and Health Act, Hazard Communication Standard (USA).

GHS: Globally Harmonized System of Classification and Labelling of Chemicals.

OSHA PEL: PEL (Permissible Exposure Limit) under Occupational Safety and Health Administration.

ACGIH TLV: TLV (Threshold Limit Value) under American Conference of Governmental Industrial Hygienists.

EU ILV: Indicative Limit Values for Occupational Exposure under EU Directive 91/322/EEC, 2000/39/EC and 2006/15/EC.

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative.