

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 02/10/2021

Revision date: 02/10/2023

Version: 1.0

smoking. P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.		e of issue: 02/10/2021 Revision date: 02/10/2025 Version: 1.0
Product form : Mkutre Trade name : Pine-O-Pine CAS-No. : NA Product code : 6050600 12. Recommended use and restrictions on use Use of the substance/mixture : Cleaning/wishing agents and additives 13. Supplier Mundacturer Allen del Norte, S.A. de C.V. Bilen del Norte, S.A. de C.V. Bilen del Norte, S.A. de C.V. Bilen del Norte, S.A. de C.V. Bilen del Norte, S.A. de C.V. Bilen del Norte, S.A. de C.V. Bilen del Norte, S.A. de C.V. Bilen del Norte, S.A. de C.V. Bilen del Norte, S.A. de C.V. Bilen del Norte, S.A. de C.V. Bilen del Norte, S.A. de C.V. Bilen del Norte, S.A. de C.V. Bilen del Norte, S.A. de C.V. Bilen del Norte, S.A. de C.V. Bilen del Norte, S.A. de C.V. Bilen del Norte, S.A. de C.V. Bilen del Norte, S.A. de Status Status and the substance or mixture Genessingent del Norte, S.A. de C.V. Status and the del Norte, S.A. de C.V. Causea ye irritation Plattext of H statements : see section 16 Causea ye irritation 2.2. GHS Usabelle liquid H320 Gausea ye irritation F122 - Combustible liquid	SECTION 1: Identification	
Trade name : Pine-O-Pine CAS-No. : NA Product code : 0050000 12. Recommended use and restrictions on use	1.1. Identification	
CAS-No. : NA Product code : 605000 1.2. Recommended use and restrictions on use Use of the substance/mixture : Cleaning/washing agents and additives 1.3. Supplier Manufacturer AlEn del Norts, SA, de C.V. Bitn del Norts, SA, de C.V. Bitd. Gustavo Dia2 Ordza: 1000 Los Trevino Saria Catarina, NL, B6150 - Mexico 7 122 (2006 dol 24 3900) www.arusoalen.com 2.1. Classification of the substance or mixture GHS US classification Farmable liquids Flammable liquids H227 Combustible liquid Category 4 Serious eye damage/eye H320 Category 4 Serious eye damage/eye H320 Category 4 Serious eye damage/eye H320 Category 4 Serious eye admage/eye H320 Category 28 Full text of H statements : see section 16 Event eye away from heat, hot suffaces, sparks, open flames and other ignition source smoking. Precautionary statements (GHS US) : Warning Hazard statements (GHS US) : P210 - Keep away from heat, hot suffaces, sparks, open flames and other ignition source smoking. P284 - Wash hands, forearms and face thoroughy after ha	Product form	: Mixture
Product code : 6050600 1.2. Recommended use and restrictions on use Use of the substance/mixture : Cleaning/washing agents and additives 3.3. Supplier Manufacturer AlEn del Norte, S.A. de C.V. Neb, Gustavo Diaz Ordez 11000 Los retrivino Santa Catania, N.L. 66150 - México retrivino Santa Catania, N.L. 66150 - México : 800.8343.300 24 hrs. SECTION 22 Hazard(s) identification : 24. Classification of the substance or mixture GIS US classification : Pammable liquids H27 Category 4 : Serious eye damage/eye H320 Causes eye irritation : Stababiling : Signal word (GBU S) : Signal word (GBU S) : Precautionary statements (GHS US) : Part Productionary statements (GHS US) : Part Productionary statements (GHS US) : Signal word (GH SU S) : Part Productionary statements (GHS US) : Part Productionary statements (GHS US) : Parecautionary stateme	Trade name	: Pine-O-Pine
12. Recommended use and restrictions on use Use of the substance/mixture : Cleaning/washing agents and additives 13. Supplier Manufacturer All of all Norts, SA. do C.V. Bivd. Gustavo Diaz Ordzz 1000 Los Treviño Samta Catarina, NL, 66150 - México Travino 7 81221000/ 800 424 3300 www.grupoedlen.com 14. Emergency telephone number Emergency number : 800.8343.300 24 hrs. SECTION 2: Hazard(s) identification Combustible liquid 6450 52 classification of the substance or mixture GHSU 54 classification Filemable liquids H227 Combustible liquid Gargany 4 Second 16 2.2. GHS Label elements, including precautionary statements GHS US labeling : H227 - Ombustible liquid Signal word (GHS US) : H227 - Combustible liquid Hazard statements (GHS US) : H227 - Ombustible liquid Hazard statements (GHS US) : H227 - Ombustible liquid Hazard statements (GHS US) : H227 - Vombustible liquid Hazard statements (GHS US) : H227 - Vombustible liquid Hazard statements (GHS US) : P210 - Keep away from heat, hot surfaces, spar	CAS-No.	: NA
Use of the substance/mixture : Cleaning/washing agents and additives 1.3. Supplier Manufacturer Alf:n del Norte, S.A. de C.V. BVG. Gustavo Diaz Ordza 1000 Los Trevino Santa Catarina, NL. 66150 - México STI2210007 (2004 224 9300) Surgerino Stazz 1007 (2004 224 9300) Class statements (2005 (2004 2004 200) Causes eye irritation Stazz 1007 (2004 224 9300) : Warning Signal word (CHS US) : Warning Signal word (CHS US) : Warning Precautionary statements (CHS US) : P210 - Keepa awar from heat, hot surfaces, sparks, op	Product code	: 6050600
1.3. Supplier Mandacturer Alth del Norte, S.A. de C.V. Bivd. Guissov Diaz Ordaz 1000 Los Treviño Santa Cataina, N.L. 66150 - México T 81221000 800 424 9300 www.caupadam.com 1.4. Emergency telephone number Emergency number : 800.8343.300 24 hrs. SECTION 2: Hazard(s) identification 2.1. Classification of the substance or mixture GHSU 92 classification FISUE 3: Gessification of the substance or mixture GHSU 92 classification Flammable liquids H227 Combustible liquid Serious eye damage/eye H320 Causes eye irritation irritation Category 28 Full text of H statements: see section 16 2.2. GHS Label elements, including precautionary statements GHS US lassification Precautionary statements (GHS US) : Warning Hazard statements (GHS US) Year Orectionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition source smoking, P226 - Weap protectio gloves/protection/large protection. P306+P351+P338 - IF IN EYES. Rinse cautiously with water for several minutes. Remo contact lenses, if present and easy to do. Continue rinsing, P37+P313 - If eye irritation persist. Gett medical advice/attention. P306+P351+P338 - IF IN EYES. Rinse cautiously with water for several minutes. Remo contact lenses, if present and easy to do. Continue rinsing, P37+P313 - If eye irritation persist. Gett medical advice/attention. P306+P37: In case of line: Use moda advice/a	1.2. Recommended use and restriction	ons on use
Manufacturer AlEn del Norte, S.A. de C.V. BVd. Guisavo Diaz Ordaz 1000 Los Treviño Santa Catarina, N.L. 66150 - México Treviño Santa Catarina, N.L. 66150 - México Terviño Santa Catarina, N.L. 66150 - México Terviño Section 20 20 49300 www.grupealen.com 14. Emergency telephone number Emergency number : 800.8343.300 24 hrs. SECTION 2: Hazard(5) identification Catagory 4 Serious eye damage/eye Barnable liquids H227 Combustible liquid Catagory 4 Serious eye damage/eye Full text of H statements, including precautionary statements GHS US labeling Signal word (GHS US) : Warning Hazard statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition source smoking. P264 - Wash hands, forearms and face thoroughly after handing. P264 - Wash hands, forearms and face thoroughly after handing. P284 - Wash hands, forearms and face thoroughly after handing. P284 - Wash hands, forearms and face thoroughly after handing. <t< td=""><td>Use of the substance/mixture</td><td>: Cleaning/washing agents and additives</td></t<>	Use of the substance/mixture	: Cleaning/washing agents and additives
AlEn del Norte, S.A. de C.V. BVd. Gustavo Diaz Ordaz 1000 Los Traviño Santa Catarina, N.L. 66150 - México T 2121000/ 800 424 9300 www.arupoalen.com 14. Emergency telephone number Emergency number : 800.8343.300 24 hrs. SECTION 2: Hazard(S) Identification 2.1. Classification of the substance or mixture GHS US classification Flammable liquids H227 Combustible liquid Category 4 Serious eye damage/eye H320 Causes eye irritation ritration Category 28 Full text of H statements : see section 16 2.2. GHS Label elements, including precautionary statements GHS US labeling Signal word (GHS US) : H227 - Combustible liquid Hazard statements (GHS US) : H227 - Combustible liquid Hazard statements (GHS US) : H227 - Combustible liquid Precautionary statements (GHS US) : H227 - Combustible liquid Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition source smoking. P280 - Wear protective gloves/protective edothing/pyee protection.	1.3. Supplier	
Emergency number : 800.8343.300 24 hrs. SECTION 2: Hazard(s) identification 2.1. Classification of the substance or mixture GHS US classification Flammable liquids H227 Combustible liquid Category 4 Serious eye damage/eye H320 Category 2B Full text of H statements : see section 16 2.2. GHS Label elements, including precautionary statements GHS US labeling Signal word (GHS US) : Warning Hazard statements (GHS US) : H227 - Combustible liquid H320 - Causes eye irritation Precautionary statements (GHS US) : P127 - Combustible liquid Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition source smoking. P260 - Wear protective gloves/protective clothing/eye protection. P337+P373 - If NE YES: Rines cautiously with water for several minutes. Remover contract lenses, if present and easy to do. Continue rinsing. P337+P378 - IF IN EYES: Rines cautionally with water for several minutes. Remover contract lenses, if present and easy to do. Continue rinsing. P337+P378 - IF IN EYES: Rines cautionally with water for several minutes. Remover contract lenses, if present and easy to do. Continue rinsing. P337+P378 - If eye ir	AlEn del Norte, S.A. de C.V. Blvd. Gustavo Díaz Ordaz 1000 Los Treviño Santa Catarina, N.L. 66150 - México T 81221000/ 800 424 9300 www.grupoalen.com	
SECTION 2: Hazard(s) identification 2.1. Classification of the substance or mixture GHS US classification Flammable liquids H227 Category 4 Serious eye damage/eye H320 Category 2B Full text of H statements : see section 16 2.2. GHS Label elements, including precautionary statements GHS US labeling Signal word (GHS US) : Warning Hazard statements (GHS US) : H227 - Combustible liquid H320 - Causes eye irritation Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sourc smoking. P284 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection. P337+P378 - IF IN EYES: Rines cautiously with water for several minutes. Remor contract lenses, if present and easy to do. Continue rinsing. P337+P378 - IF IN EYES: Rines cautiously with water for several minutes. Remor contract lenses, if present and easy to do. Continue rinsing. P337+P378 - IF IN EYES: Rines cautiously with water for several minutes. Remor contract lenses, if present and easy to do. Continue rinsing. P337+P378 - If eye irritation persists: Get medical advice/attention. P337+P378 - In G ese of fire: Use media other than water to extinguish. P403	0,1	- 000 0040 000 04 km
2.1. Classification of the substance or mixture GHS US classification Flammable liquids H227 Category 4 Serious eye damage/eye H320 Causes eye irritation irritation Category 2B Full text of H statements : see section 16 2.2. GHS Label elements, including precautionary statements GHS US labeling Signal word (GHS US) : Warning Hazard statements (GHS US) : H227 - Combustible liquid H320 - Causes eye irritation Precautionary statements (GHS US) : H227 - Combustible liquid H320 - Causes eye irritation Precautionary statements (GHS US) : H227 - Combustible liquid H320 - Causes eye irritation Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition source smoking. P264 - Wash hands, forearms and face throrugh/ after handling. P264 - Wash hands, forearms and face throrugh/ after handling. P280 - Wear protective gloves/protective clothing/eye protection. P3054-P331 - P33 - If re airritation persits: Get medical advice/attention. P370+P378 - In case of fire: Use medical advice/attention. P370+P378 - In case of fire: Use medical advice/attention. P370+P378 - In case of fire: Use medica	Emergency humber	. 800.8343.300 24 118.
GHS US classification Flammable liquids H227 Combustible liquid Category 4 Serious eye damage/eye H320 Causes eye irritation Serious eye damage/eye H320 Causes eye irritation irritation Category 2B Causes eye irritation Full text of H statements : see section 16 Causes eye irritation 2.2. GHS Label elements, including precautionary statements GHS US labeling Signal word (GHS US) : Warning Hazard statements (GHS US) : H227 - Combustible liquid H320 - Causes eye irritation Precautionary statements (GHS US) : P10 - Keep away from heat, hot surfaces, sparks, open flames and other ignition source smoking, P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection. P305+P378 - In Case of fire: Use media other than water to extend the save of an advect extend advice/attention. P370+P378 - In case of fire: Use media other than water to extinguish. P403+P235 - Store in a well-ventilated place. Keep cool. P370+P378 - In case of fire: Use media other than water to extinguish. P403+P235 - Store in a well-ventilated place. Keep cool. P370+P378 - In case of fire: Use media other than water to extinguish. P403+P235 - Store in a well-ventilated place. Keep cool. P370+P378 - In case of fire: Use media other than water to extinguish. P403+P235 - Store in a well-ventilated place. Keep cool. P370+P378 - In case of fire: Use media other than water to extinguish. P403+P235 - Store in a well-ventilated place. Keep cool. P370+P378 - In case of fire	SECTION 2: Hazard(s) identification	on
Flammable liquids H227 Combustible liquid Category 4 Serious eye damage/eye H320 Causes eye irritation Full text of H statements : see section 16 Causes eye irritation Full text of H statements : see section 16 2. GHS Label elements, including precautionary statements GHS US labeling Signal word (GHS US) : Warning Hazard statements (GHS US) : H227 - Combustible liquid H320 - Causes eye irritation Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition source smoking. Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition source smoking. P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective gloves/protective colthing/eye protection. P305+P351+P338 - IF IN EYES: Rise cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention. P30+P378 - In case of fire: Use media other than water to extinguish. P403+P235 - Store in a well-ventilated place. Keep cool. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. 2.4. Unknown acute toxicity (GHS US) No	2.1. Classification of the substance of	or mixture
Category 4 Serious eye damage/eye H320 Causes eye irritation irritation Category 2B Full text of H statements : see section 16 2.2. GHS Label elements, including precautionary statements GHS US labeling Signal word (GHS US) : Warning Hazard statements (GHS US) : H227 - Combustible liquid H320 - Causes eye irritation : Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition source smoking. : Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition source smoking. : P280 - Wear protective gloves/protective clothing/eye protection/face protection. : : P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. : P337+P313 - If eye irritation persists: Get medical advice/attention. : : P403+P235 - Store in a well-ventilated place. Keep cool. : : P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. : 2.3. Other hazards mot contributing to the classification : None under normal conditions. 2.4.	GHS US classification	
irritation Category 2B Full text of H statements : see section 16 2.2. GHS Label elements, including precautionary statements GHS US labeling Signal word (GHS US) : Warning Hazard statements (GHS US) : H227 - Combustible liquid H320 - Causes eye irritation Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition source smoking. P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remov contact lenses, if present and easy to do. Continue rinsing. P370+P376 - In case of fire: Use media other than water to extinguish. P403+P235 - Store in a well-ventilated place. Keep cool. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. 2.3. Other hazards which do not result in classification Other hazards not contributing to the classification 2.4. Unknown acute toxicity (GHS US) Not applicable SECTION 3: Composition/Information on ingredients		Combustible liquid
2.2. GHS Label elements, including precautionary statements GHS US labeling Signal word (GHS US) : Warning Hazard statements (GHS US) : H227 - Combustible liquid H320 - Causes eye irritation Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition source smoking. P264 - Wash hands, forearms and face thoroughly after handling. P263 - Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If leye irritation persists: Get medical advice/attention. P370+P378 - In case of fire: Use media other than water to extinguish. P403+P235 - Store in a well-ventilated place. Keep cool. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. 2.3. Other hazards which do not result in classification Other hazards not contributing to the classification 2.4. Unknown acute toxicity (GHS US) Not applicable SECTION 3: Composition/Information on ingredients		Causes eye irritation
GHS US labeling Signal word (GHS US) : Warning Hazard statements (GHS US) : H227 - Combustible liquid H320 - Causes eye irritation Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition source smoking. P264 - Wash hands, forearms and face thoroughly after handling. P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P305+P331+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention. P304+P235 - Store in a well-ventilated place. Keep cool. P401 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. 2.3. Other hazards which do not result in classification Other hazards not contributing to the classification : None under normal conditions. 2.4. Unknown acute toxicity (GHS US) Not applicable SECTION 3: Composition/Information on ingredients	Full text of H statements : see section 16	
GHS US labeling : Warning Signal word (GHS US) : H227 - Combustible liquid Hazard statements (GHS US) : H227 - Combustible liquid Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition source smoking. P264 - Wash hands, forearms and face thoroughly after handling. P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P305+P314-P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention. P370+P378 - In case of fire: Use media other than water to extinguish. P4034-P235 - Store in a well-ventilated place. Keep cool. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. 2.3. Other hazards which do not result in classification : None under normal conditions. Clear wash for the scient a well ventilated place. Keep cool. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. 2.4. Unknown acute toxicity (GHS US) None under normal conditions. Not applicable SECTION 3: Composition/Information on ingredients	2.2. GHS Label elements, including p	precautionary statements
Signal word (GHS US) : Warning Hazard statements (GHS US) : H227 - Combustible liquid Precautionary statements (GHS US) : H227 - Combustible liquid Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition source smoking. P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention. P370+P378 - In case of fire: Use media other than water to extinguish. P403+P235 - Store in a well-ventilated place. Keep cool. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. 2.3. Other hazards which do not result in classification Other hazards not contributing to the classification 2.4. Unknown acute toxicity (GHS US) Not applicable SECTION 3: Composition/Information on ingredients		
Hazard statements (GHS US) : H227 - Combustible liquid H320 - Causes eye irritation Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition source smoking. P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P370+P378 - In case of fire: Use media other than water to extinguish. P403+P235 - Store in a well-ventilated place. Keep cool. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. 2.3. Other hazards which do not result in classification Other hazards not contributing to the classification : None under normal conditions. 2.4. Unknown acute toxicity (GHS US) Not applicable SECTION 3: Composition/Information on ingredients	•	: Warning
Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition source smoking. P264 - Wash hands, forearms and face thoroughly after handling. P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention. P370+P378 - In case of fire: Use media other than water to extinguish. P403+P235 - Store in a well-ventilated place. Keep cool. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. 2.3. Other hazards which do not result in classification Other hazards not contributing to the classification : None under normal conditions. 2.4. Unknown acute toxicity (GHS US) Not applicable SECTION 3: Composition/Information on ingredients	e (,	: H227 - Combustible liquid
Other hazards not contributing to the classification : None under normal conditions. 2.4. Unknown acute toxicity (GHS US) Not applicable SECTION 3: Composition/Information on ingredients	Precautionary statements (GHS US)	 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention. P370+P378 - In case of fire: Use media other than water to extinguish. P403+P235 - Store in a well-ventilated place. Keep cool. P501 - Dispose of contents/container to hazardous or special waste collection point, in
classification 2.4. Unknown acute toxicity (GHS US) Not applicable SECTION 3: Composition/Information on ingredients	2.3. Other hazards which do not resu	It in classification
Not applicable SECTION 3: Composition/Information on ingredients	5	: None under normal conditions.
SECTION 3: Composition/Information on ingredients	2.4. Unknown acute toxicity (GHS US	\$)
	Not applicable	
3.1. Substances	SECTION 3: Composition/Informa	tion on ingredients
	3.1. Substances	
Not applicable	Not applicable	

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

3.2. Mixtures				
Na	me	Product identifier	%	GHS US classification
2-р	ropanol	(CAS-No.) 67-63-0	3 – 6	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician immediately.
First-aid measures after eye contact	 Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Rinse mouth. Do not induce vomiting. Call a physician immediately.
4.2. Most important symptoms and e	ffects (acute and delayed)
Symptoms/effects after skin contact	: Burns.
Symptoms/effects after eye contact	: Serious damage to eyes.
Symptoms/effects after ingestion	: Burns.
4.3. Immediate medical attention and	special treatment, if necessary
Treat symptomatically.	
SECTION 5: Fire-fighting measure	S
5.1. Suitable (and unsuitable) extingu	lishing media
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Specific hazards arising from the	e chemical
Fire hazard	: Flammable liquid and vapor.
Reactivity	: The product is non-reactive under normal conditions of use, storage and transport. Flammable liquid and vapor.
5.3. Special protective equipment an	d precautions for fire-fighters
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release m	easures
6.1. Personal precautions, protective	equipment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures	: Ventilate spillage area.
6.1.2 For omorgeney reenenders	
6.1.2. For emergency responders	. Do not attempt to take action without auitable protective actionment
Protective equipment	: Do not attempt to take action without suitable protective equipment.
6.2. Environmental precautions	
Avoid release to the environment.	
6.3. Methods and material for contain	iment and cleaning up
Methods for cleaning up	: Take up liquid spill into absorbent material.
Other information	: Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	
For further information refer to section 13.	

For further information refer to section 13.

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse.
7.2. Conditions for safe storage, including	any incompatibilities
Technical measures	: Ground/bond container and receiving equipment.
Storage conditions	: Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store in corrosive resistant container with a resistant inner liner. Keep only in original container. Store locked up.
Incompatible materials	: Metals.

SECTION 8: Exposure controls/personal protection

8.1. **Control parameters**

2-propanol (67-63-0)		
ACGIH	Local name	2-Propanol
ACGIH	ACGIH TWA (ppm)	200 ppm
ACGIH	ACGIH STEL (ppm)	400 ppm
ACGIH	Remark (ACGIH)	TLV® Basis: Eye & URT irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
ACGIH	Regulatory reference	ACGIH 2019
OSHA	OSHA PEL (TWA) (mg/m ³)	980 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	400 ppm
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

8.2. Appropriate engineering controls

Appropriate engineering controls Environmental exposure controls

: Avoid release to the environment.

: Ensure good ventilation of the work station.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: Physical and chemical properties		
9.1. Information on basic	.1. Information on basic physical and chemical properties	
Physical state	: Liquid	
Appearance	: Liquid.	
	: Brown	
	: Pine odour	
03/10/2021	EN (English US)	3/7

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Odor threshold	: No data available
pH	: 12.5 – 13.5
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: ≈86 °C
Flash point	: ≈ 61 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 0.96 – 0.99 g/cm ³
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
9.2. Other information	
VOC content	: ≈ 34 %
Percent Solids	: 11.7 – 12.4 %
SECTION 10: Stability and reactivity	
10.1. Reactivity	
The product is non-reactive under normal conditio	ns of use, storage and transport. Flammable liquid and vapor.
10.2. Chemical stability	
Stable under normal conditions.	
10.3. Possibility of hazardous reactions	
No dangerous reactions known under normal con-	ditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7). Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

metals.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information		
11.1. Information on toxicological effects		
Acute toxicity (oral)	: Not classified	
Acute toxicity (dermal)	: Not classified	
Acute toxicity (inhalation) : Not classified		
2-propanol (67-63-0)		
LD50 oral rat	5840 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Experimental value, Oral, 14 day(s))	
LD50 dermal rabbit	16400 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Experimental value, Dermal, 14 day(s))	

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

2-propanol (67-63-0)		
LC50 Inhalation - Rat [ppm]	> 10000 ppm (Equivalent or similar to OECD 403, 6 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))	
ATE US (oral)	5840 mg/kg body weight	
ATE US (dermal)	16400 mg/kg body weight	
Skin corrosion/irritation	: Not classified	
	рН: 12.5 – 13.5	
Serious eye damage/irritation	: Causes eye irritation.	
	рН: 12.5 – 13.5	
Respiratory or skin sensitization	: Not classified	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
2-propanol (67-63-0)		
IARC group	3 - Not classifiable	
Reproductive toxicity	: Not classified	
STOT-single exposure	: Not classified	
2-propanol (67-63-0)		
STOT-single exposure	May cause drowsiness or dizziness.	
STOT-repeated exposure	: Not classified	
Aspiration hazard	: Not classified	
Viscosity, kinematic	: No data available	
Symptoms/effects after skin contact	: Burns.	
Symptoms/effects after eye contact	: Serious damage to eyes.	
Symptoms/effects after ingestion	: Burns.	

SECTION 12: Ecological information

12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. Before neutralisation, the product may represent a danger to aquatic organisms.
2-propanol (67-63-0)	
LC50 fish 1	9640 – 10000 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow- through system, Fresh water, Experimental value, Lethal)

12.2. Persistence and degradability

2-propanol (67-63-0) Persistence and degradability Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Readily biodegradable in water.	
Chemical oxygen demand (COD)	2.23 g O_2 /g substance
ThOD	2.4 g O ₂ /g substance

12.3. Bioaccumulative potential

2-propanol (67-63-0)	
Partition coefficient n-octanol/water (Log Pow)	0.05 (Weight of evidence approach, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

12.4. Mobility in soil

2-propanol (67-63-0)		
Surface tension	0.021 N/m (25 °C)	
Partition coefficient n-octanol/water (Log Koc)	0.185 – 0.541 (log Koc, SRC PCKOCWIN v2.0, Calculated value)	
02/10/2021	EN (English LIS)	5/7

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

2-pr	2-propanol (67-63-0)	
Eco	ogy - soil	Highly mobile in soil.
12.5.	Other adverse effects	
Other adverse effects :		: Before neutralisation, the product may represent a danger to aquatic organisms. May cause pH changes in aqueous ecological systems.

Pine-O-Pine (NA)	
2-propanol (67-63-0)	

Other information

: No other effects known. Avoid release to the environment.

SECTION 13: Disposal considerations			
13.1. Disposal methods			
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.		
Additional information	: Flammable vapors may accumulate in the container.		

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated

SECTION 15: Regulatory information	
------------------------------------	--

15.1. US Federal regulations

2-propanol (67-63-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313

15.2. International regulations

CANADA

2-propanol (67-63-0)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

No additional information available

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date

: 02/10/2023

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Full text of H-phrases:

un		
	H225	Highly flammable liquid and vapor
	H227	Combustible liquid
	H319	Causes serious eye irritation
	H320	Causes eye irritation
	H336	May cause drowsiness or dizziness

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.