

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Trade name : PURATECH TRANSMISSION SYSTEM CLEANER 8 FL.OZ.
Product code : 2010531082

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Transmission Flush

1.3. Details of the supplier of the safety data sheet

NORTH AMERICAN LUBRICANTS
7337 E DOUBLETREE RANCH RD
SCOTTSDALE, AZ 85258-2172
T 800-430-6252

1.4. Emergency telephone number

Emergency number : CHEMTREC 24 Hour 1-800-424-9300, 1-703-527-3887 (International)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Flam. Liq. 3 H226
Muta. 1B H340

Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H226 - Flammable liquid and vapor
H340 - May cause genetic defects

Precautionary statements (GHS-US) : P201 - Obtain special instructions
P202 - Do not handle until all safety precautions have been read and understood
P210 - Keep away from heat, sparks, open flames, hot surfaces. - No smoking
P233 - Keep container tightly closed
P240 - Ground/bond container and receiving equipment
P241 - Use explosion-proof electrical, ventilating, lighting equipment
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P280 - Wear protective gloves, protective clothing, eye protection, face protection
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P308+P313 - If exposed or concerned: Get medical advice/attention
P370+P378 - In case of fire: See Section 5.1 Extinguishing Media
P403+P235 - Store in a well-ventilated place. Keep cool
P405 - Store locked up
P501 - Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.

2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions.

2.4. Unknown acute toxicity (GHS US)

No data available

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Distillates (Petroleum), Hydrotreated Light	(CAS No) 64742-47-8	30 - 50	Asp. Tox. 1, H304
Distillates (Petroleum), Hydrotreated Heavy Naphthenic	(CAS No) 64742-52-5	30 - 50	Not classified
1-Butoxy-2-Propanol	(CAS No) 5131-66-8	5 - 10	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
4-Methyl-2-Pentanol	(CAS No) 108-11-2	5 - 10	Flam. Liq. 3, H226 STOT SE 3, H335
Solvent Naphtha (Petroleum), Light Aliphatic	(CAS No) 64742-89-8	< 1	Muta. 1B, H340 Asp. Tox. 1, H304
alkylphenols,including C2-C8 homologues,solid,n.o.s.,slightly corrosive	(CAS No) Proprietary	0.12 - 0.588	Not classified
Diphenylamine	(CAS No) 122-39-4	0.012 - 0.108	Not classified

The exact percentage is a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest.
- First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : May cause genetic defects.
- Symptoms/injuries after inhalation : May cause irritation or asthma-like symptoms.
- Symptoms/injuries after skin contact : May cause slight irritation . Itching. Red skin.
- Symptoms/injuries after eye contact : May cause slight eye irritation . Irritation of the eye tissue. Inflammation/damage of the eye tissue. Redness of the eye tissue.
- Symptoms/injuries after ingestion : May be harmful if swallowed and enters airways.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Flammable liquid and vapor.
- Explosion hazard : May form flammable/explosive vapor-air mixture.

5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

6.1.1. For non-emergency personnel

- Protective equipment : Gloves. Safety glasses.
- Emergency procedures : Evacuate unnecessary personnel.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Dam up the liquid spill. Contain released substance, pump into suitable containers. Plug the leak, cut off the supply.
Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapors are flammable.
Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Obtain special instructions. Do not handle until all safety precautions have been read and understood. Eliminate all ignition sources if safe to do so.
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Wash affected areas thoroughly after handling. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting equipment.
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container tightly closed.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

7.3. Specific end use(s)

Follow Label Directions.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Distillates (Petroleum), Hydrotreated Light (64742-47-8)		
USA ACGIH	ACGIH TWA (ppm)	200 ppm 8 Hours
Distillates (Petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)		
USA ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³ MIST 8 HOURS
USA OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³ MIST 8 HOURS
4-Methyl-2-Pentanol (108-11-2)		
USA ACGIH	ACGIH TWA (mg/m ³)	104 mg/m ³ Skin
USA ACGIH	ACGIH TWA (ppm)	25 ppm Skin
USA ACGIH	ACGIH STEL (ppm)	40 ppm (Methyl isobutyl carbinol; USA; Short time value; TLV - Adopted Value)
USA OSHA	OSHA PEL (TWA) (mg/m ³)	100 mg/m ³ Skin
USA OSHA	OSHA PEL (TWA) (ppm)	25 ppm Skin
USA OSHA	OSHA PEL (STEL) (mg/m ³)	160 mg/m ³
USA OSHA	OSHA PEL (STEL) (ppm)	40 ppm
Diphenylamine (122-39-4)		
USA ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³ (Diphenylamine; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)

8.2. Exposure controls

Appropriate engineering controls : Local exhaust venilation, vent hoods.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Personal protective equipment

: Avoid all unnecessary exposure. Gloves. Safety glasses.



Hand protection

: Wear protective gloves.

Eye protection

: Chemical goggles or safety glasses.

Skin and body protection

: Wear suitable protective clothing.

Respiratory protection

: Wear appropriate mask.

Other information

: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Color	: Yellow to light brown.
Odor	: Characteristic.
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 133 °C
Flash point	: 41 °C (Lowest Component)
Auto-ignition temperature	: 305 °C (Lowest Component)
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 0.85
Solubility	: Insoluble in water.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: No data available

9.2. Other information

VOC content : 24.8 %

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

10.5. Incompatible materials

Strong acids. Strong bases.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

10.6. Hazardous decomposition products

Toxic fume. . Carbon monoxide. Carbon dioxide. May release flammable gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Distillates (Petroleum), Hydrotreated Light (64742-47-8)	
LD50 oral rat	> 5000 mg/kg body weight
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5.28 mg/l/4h Based on lack of mortality and systemic effects

Distillates (Petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	
LD50 oral rat	> 5000 mg/kg body weight
LD50 dermal rabbit	> 2000 mg/kg body weight
LC50 inhalation rat (mg/l)	> 5.2 mg/l/4h

1-Butoxy-2-Propanol (5131-66-8)	
LD50 dermal rat	> 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
LC50 inhalation rat (ppm)	> 651 ppm/4h (Rat; Experimental value)

4-Methyl-2-Pentanol (108-11-2)	
LD50 oral rat	2590 mg/kg (Rat; Equivalent or similar to OECD 401; Experimental value)
LD50 dermal rabbit	2870 mg/kg (Rabbit; Experimental value; Equivalent or similar to OECD 402)

Skin corrosion/irritation : Not classified
 Serious eye damage/irritation : Not classified
 Respiratory or skin sensitization : Not classified
 Germ cell mutagenicity : May cause genetic defects. Based on available data, the classification criteria are not met
 Carcinogenicity : Not classified

Distillates (Petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	
IARC group	3

Solvent Naphtha (Petroleum), Light Aliphatic (64742-89-8)	
IARC group	3

Reproductive toxicity : Not classified
 Specific target organ toxicity (single exposure) : Not classified
 Specific target organ toxicity (repeated exposure) : Not classified
 Aspiration hazard : Not classified
 Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.
 Symptoms/injuries after inhalation : May cause irritation or asthma-like symptoms.
 Symptoms/injuries after skin contact : May cause slight irritation . Itching. Red skin.
 Symptoms/injuries after eye contact : May cause slight eye irritation . Irritation of the eye tissue. Inflammation/damage of the eye tissue. Redness of the eye tissue.
 Symptoms/injuries after ingestion : May be harmful if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity

4-Methyl-2-Pentanol (108-11-2)	
LC50 fish 1	360 mg/l (LC50; 24 h; Carassius auratus)
EC50 Daphnia 2	143.17 mg/l (LC50; 96 h; Daphnia magna)
Diphenylamine (122-39-4)	
EC50 Daphnia 1	2.3 mg/l (EC50; 24 h)
LC50 fish 2	2.2 - 5.1 mg/l (LC50; 48 h)
Threshold limit algae 1	0.048 mg/l (EC50; 72 h)

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

12.2. Persistence and degradability

PURATECH TRANSMISSION SYSTEM CLEANER 8 FL.OZ.	
Persistence and degradability	Not established.
Distillates (Petroleum), Hydrotreated Light (64742-47-8)	
Persistence and degradability	Not established.
1-Butoxy-2-Propanol (5131-66-8)	
Persistence and degradability	Readily biodegradable in water. No (test)data on mobility of the substance available.
4-Methyl-2-Pentanol (108-11-2)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available.
Biochemical oxygen demand (BOD)	2.12 g O ₂ /g substance
Chemical oxygen demand (COD)	2.60 g O ₂ /g substance
ThOD	2.8 g O ₂ /g substance
BOD (% of ThOD)	0.76 (Calculated value)
alkylphenols,including C2-C8 homologues,solid,n.o.s.,slightly corrosive (Proprietary)	
Persistence and degradability	Biodegradability in soil: no data available.
Diphenylamine (122-39-4)	
Persistence and degradability	Not readily biodegradable in water.
ThOD	2.39 g O ₂ /g substance

12.3. Bioaccumulative potential

PURATECH TRANSMISSION SYSTEM CLEANER 8 FL.OZ.	
Bioaccumulative potential	Not established.
Distillates (Petroleum), Hydrotreated Light (64742-47-8)	
Bioaccumulative potential	Not established.
1-Butoxy-2-Propanol (5131-66-8)	
Log Pow	0.98 (QSAR)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
4-Methyl-2-Pentanol (108-11-2)	
Log Pow	1.57 (QSAR)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
alkylphenols,including C2-C8 homologues,solid,n.o.s.,slightly corrosive (Proprietary)	
Bioaccumulative potential	No bioaccumulation data available.
Diphenylamine (122-39-4)	
BCF fish 1	51 - 253 (BCF)
Log Pow	3.22 - 3.50
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

12.4. Mobility in soil

1-Butoxy-2-Propanol (5131-66-8)	
Surface tension	0.0276 N/m (20 °C; 100 %)
4-Methyl-2-Pentanol (108-11-2)	
Surface tension	0.023 N/m
Diphenylamine (122-39-4)	
Surface tension	0.03 N/m (60 °C)
Ecology - soil	May be harmful to plant growth, blooming and fruit formation.

12.5. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.

Additional information : Handle empty containers with care because residual vapors are flammable.

Ecology - waste materials : Avoid release to the environment.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

US DOT (ground): NA1993, Combustible liquid, n.o.s. (Petroleum Distillates), 3, III, Limited Quantity

ICAO/IATA (air): Not Regulated,

IMO/IMDG (water): Not Regulated,

Special Provisions: IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).
T1 - 1.5 178.274(d)(2) Normal..... 178.275(d)(2)
T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Combustible liquid, n.o.s. (Petroleum Distillates)

Transport hazard class(es) (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

DOT Symbols : D - Proper shipping name for domestic use only, or to and from Canada, G - Identifies PSN requiring a technical name

Packing group (DOT) : III - Minor Danger

DOT Special Provisions (49 CFR 172.102) : IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).
T1 - 1.5 178.274(d)(2) Normal..... 178.275(d)(2)
T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.

DOT Packaging Exceptions (49 CFR 173.xxx) : 150

DOT Packaging Non Bulk (49 CFR 173.xxx) : 203

DOT Packaging Bulk (49 CFR 173.xxx) : 241

14.3. Additional information

Other information : No supplementary information available.

Overland transport

No additional information available

Transport by sea

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

Air transport

DOT Quantity Limitations Passenger aircraft/rail : 60 L
(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 220 L
CFR 175.75)

SECTION 15: Regulatory information

15.1. US Federal regulations

PURATECH TRANSMISSION SYSTEM CLEANER 8 FL.OZ.

SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard Immediate (acute) health hazard Fire hazard
-------------------------------------	---

Distillates (Petroleum), Hydrotreated Light (64742-47-8)

SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard
-------------------------------------	--

Distillates (Petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)

SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard
-------------------------------------	---------------------------------

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

4-Methyl-2-Pentanol (108-11-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

PURATECH TRANSMISSION SYSTEM CLEANER 8 FL.OZ.

WHMIS Classification Class B Division 3 - Combustible Liquid

Distillates (Petroleum), Hydrotreated Light (64742-47-8)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Uncontrolled product according to WHMIS classification criteria

4-Methyl-2-Pentanol (108-11-2)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Class B Division 2 - Flammable Liquid
Class D Division 2 Subdivision B - Toxic material causing other toxic effects
Class D Division 1 Subdivision A - Very toxic material causing immediate and serious toxic effects
Class C - Oxidizing Material
Class E - Corrosive Material

EU-Regulations

4-Methyl-2-Pentanol (108-11-2)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Carc.Cat.2; R45

Muta.Cat.2; R46

R10

Full text of R-phrases: see section 16

15.2.2. National regulations

No additional information available

15.3. US State regulations

PURATECH TRANSMISSION SYSTEM CLEANER 8 FL.OZ.

U.S. - California - Proposition 65 - Carcinogens List No

U.S. - California - Proposition 65 - Developmental Toxicity No

U.S. - California - Proposition 65 - Reproductive Toxicity - Female No

U.S. - California - Proposition 65 - Reproductive Toxicity - Male No

Distillates (Petroleum), Hydrotreated Light (64742-47-8)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

No No No No

Distillates (Petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

No No No No

Solvent Naphtha (Petroleum), Light Aliphatic (64742-89-8)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Solvent Naphtha (Petroleum), Light Aliphatic (64742-89-8)				
No	No	No	No	
1-Butoxy-2-Propanol (5131-66-8)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
4-Methyl-2-Pentanol (108-11-2)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
alkylphenols,including C2-C8 homologues,solid,n.o.s.,slightly corrosive (Proprietary)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
Diphenylamine (122-39-4)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

SECTION 16: Other information

Indication of changes : Revision - See : *

Other information : None.

Full text of H-phrases:

Asp. Tox. 1	Aspiration hazard Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 3	Flammable liquids Category 3
Flam. Liq. 4	Flammable liquids Category 4
Muta. 1B	Germ cell mutagenicity Category 1B
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H226	Flammable liquid and vapor
H227	Combustible liquid
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H340	May cause genetic defects

NFPA health hazard

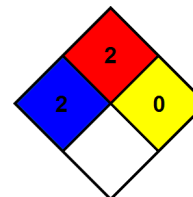
: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard

: 2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur.

NFPA reactivity

: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

Health

: 2 Moderate Hazard - Temporary or minor injury may occur

Flammability

: 2 Moderate Hazard

Physical

: 0 Minimal Hazard

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR
1910.1200

Personal Protection : B

SDS US (GHS HazCom 2012) - TCC

The Supplier identified in Section 1 of this MSDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product

Disclaimer: The information and recommendations contained herein are based upon tests believed to be reliable. However, the manufacturer/distributor of this product does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage may be required. The manufacturer/distributor assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.