

Safety Data Sheet

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

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

1.1. Product identifier

Product form : Mixture

Trade name : METAL POLISH TUBE 3.5 OZ.

Product code : 100-12

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

Use of the substance/mixture : Tarnish Remover

1.3. Details of the supplier of the safety data sheet

Technical Chemical Company P.O. BOX 139 Cleburne, Texas 76033 T 817-645-6088

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

GHS-US classification

Skin Irrit. 2 H315 Eye Dam. 1 H318 Asp. Tox. 1 H304

Full text of H statements : see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US)





GHS07

GHS08

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation H318 - Causes serious eye damage

Precautionary statements (GHS-US) : P264 - Wash affected areas thoroughly after handling

P280 - Wear protective gloves, protective clothing, eye protection, face protection P301+P310 - If swallowed: Immediately call a poison control center, doctor, physician,

P302+P352 - If on skin: Wash with plenty of soap and water

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing P310 - Immediately call a poison center,doctor, physician P321 - Specific treatment: See section 4.1 on SDS

P331 - Do NOT induce vomiting

P332+P313 - If skin irritation occurs: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse

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

SECTION 3: Composition/Information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

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Name	Product identifier	%	GHS-US classification
Water	(CAS No) 7732-18-5	30 - 50	Not classified
Aluminium Oxide, Activated	(CAS No) 1344-28-1	25-35	Not classified
Distillates (Petroleum), Hydrotreated Light	(CAS No) 64742-47-8	15-25	Asp. Tox. 1, H304
Oleic Acid	(CAS No) 112-80-1	5 - 10	Not classified
Ammonium Hydroxide, Aqueous Solution, Conc=25%	(CAS No) 1336-21-6	1 - 5	Skin Corr. 1B, H314 Aquatic Acute 1, H400
Silicone	(CAS No) 63148-62-9	1 - 5	Not classified
Barium Sulfate	(CAS No) 7727-43-7	1 - 5	Not classified
Alcohols, C12-13, Ethoxylated	(CAS No) 66455-14-9	1	Not classified
CI 77007	(CAS No) 57455-37-5	< 1	Not classified
2,2',2"-(Hexahydro-1,3,5-Triazine-1,3,5-Triyl) Triethanol	(CAS No) 4719-04-4	<1	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317

The exact percentage is a trade secret.

First-aid measures after inhalation

SECTION 4: First aid measures

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).

Allow victim to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation

occurs: Get medical advice/attention. If skin irritation or rash occurs:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to First-aid measures after eye contact

do. Continue rinsing. Immediately call a poison center or doctor/physician.

First-aid measures after ingestion Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

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

Symptoms/injuries : If you feel unwell, seek medical advice. Symptoms/injuries after inhalation May cause an allergic skin reaction.

Itching. Red skin. Skin rash/inflammation. Causes skin irritation. Symptoms/injuries after skin contact

Symptoms/injuries after eye contact Irritation of the eye tissue. Inflammation/damage of the eye tissue. Redness of the eye tissue.

Causes serious eye damage.

: May be fatal if swallowed and enters airways. May be harmful if swallowed and enters airways. Symptoms/injuries after ingestion

Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

Special hazards arising from the substance or mixture 5.2.

Fire hazard : Combustible liquid.

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

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 : Safety glasses. Gloves.

Emergency procedures : Evacuate unnecessary personnel.

For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

: Ventilate area. **Emergency procedures**

Environmental precautions

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

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6.3. Methods and material for containment and cleaning up

For containment : Contain released substance, pump into suitable containers. Dam up the liquid spill. 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. Keep away from

heat, sparks, open flames, hot surfaces. - No smoking.

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. Avoid breathing dust,fume,gas,mist,vapor spray.

 Wash affected areas thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Remove contaminated clothes. Separate working clothes from town clothes. Launder

no asbestos and < 1% crystalline silica)

separately.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations. Proper grounding procedures to avoid static electricity

should be followed.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container

closed when not in use. Keep in fireproof place.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

7.3. Specific end use(s)

Follow Label Directions.

Hygiene measures

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		
Aluminium Oxide, Activated	l (1344-28-1)			
USA ACGIH ACGIH TWA (mg/m³) 1 mg/m³ (Aluminium, insoluble compounds; US. Time-weighted average exposure limit 8 h; TLV Adopted Value; Respirable fraction)				
Ammonium Hydroxide, Aqueous Solution, Conc=25% (1336-21-6)				
USA ACGIH ACGIH TWA (ppm) 24 ppm				
USA ACGIH ACGIH STEL (ppm) USA OSHA OSHA PEL (TWA) (ppm)		35 ppm 50 ppm		
				Barium Sulfate (7727-43-7)
USA ACGIH	ACGIH TWA (mg/m³)	5 mg/m³ (Barium sulfate; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Inhalable fraction. The value is for particulate matter containing		

8.2. Exposure controls

Appropriate engineering controls : Local exhaust venilation, vent hoods . Ensure good ventilation of the work station.

Personal protective equipment : Safety glasses. Gloves. Avoid all unnecessary exposure.



Hand protection : Wear protective gloves.

Eye protection : Chemical goggles or safety glasses.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : Wear respiratory protection.

Consumer exposure controls : Avoid contact during pregnancy/while nursing.

Other information : Do not eat, drink or smoke during use.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Cream . Liquid Paste.

Color : Blue.
Odor : Ammoniacal.
Odor threshold : No data available

pH : 10.5

Relative evaporation rate (butyl acetate=1) : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : > 100 °C

Flash point : 97 °C

Auto-ignition temperature : No data available
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 : 1.2

Solubility : Moderately soluble 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 : < 1 %

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Combustible liquid. May form flammable/explosive vapor-air mixture. Not established.

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.

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

Alcohols, C12-13, Ethoxylated (66455-14-9)		
LD50 oral rat	> 2000 mg/kg (Rat)	
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)	
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	

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occiding to reacidintegletor, venin, from con includy,			
Aluminium Oxide, Activated (1344-28-1)			
LD50 oral rat	> 10000 mg/kg body weight (Rat; Equivalent or similar to OECD 401; Experimental value)		
2,2',2"-(Hexahydro-1,3,5-Triazine-1,3,5-Triyl) Triethanol (4719-04-4)			
LD50 oral rat	763 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value)		
LD50 dermal rat	> 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)		
LC50 inhalation rat (mg/l)	0.371 mg/l/4h (Rat; Experimental value)		
Oleic Acid (112-80-1)			
LD50 oral rat	> 19200 mg/kg (Rat)		
Barium Sulfate (7727-43-7)			
LD50 oral rat	> 5000 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value)		
Skin corrosion/irritation	: Causes skin irritation.		
	pH: 10.5		
Serious eye damage/irritation	: Causes serious eye damage.		
	pH: 10.5		
Respiratory or skin sensitization	: Not classified		
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met		
Carcinogenicity	: Not classified		
Reproductive toxicity	: Not classified		
Specific target organ toxicity (single exposure)	: Not classified		
Specific target organ toxicity (repeated exposure)	: Not classified		
Aspiration hazard	: May be fatal if swallowed and enters airways.		
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.		
Symptoms/injuries after inhalation	: May cause an allergic skin reaction.		
Symptoms/injuries after skin contact	: Itching. Red skin. Skin rash/inflammation. Causes skin irritation.		
Symptoms/injuries after eye contact : Irritation of the eye tissue. Inflammation/damage of the eye tissue. Redness of the eye tissue. Causes serious eye damage.			
Symptoms/injuries after ingestion	: May be fatal if swallowed and enters airways. May be harmful if swallowed and enters airways		

SECTION 12: Ecological information

Toxicity

Aluminium Oxide, Activated (1344-28-1)				
LC50 fish 1	> 50 mg/l (NOEC; 96 h; Lepomis cyanellus; Static system; Fresh water)			
EC50 Daphnia 1	1.4 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)			
EC50 Daphnia 2	0.34 - 1.02 mg/l (NOEC; US EPA; 6 days; Ceriodaphnia dubia; Semi-static system; Fresh water; Read-across)			
Threshold limit algae 1	>= 0.052 mg/l (NOEC; OECD 201: Alga, Growth Inhibition Test; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value)			
Threshold limit algae 2	> 45.7 mg/l (NOEC; Other; 96 h; Lemna minor; Static system; Fresh water; Read-across)			
2,2',2"-(Hexahydro-1,3,5-Triazine-1,3,5-Triyl)	Triethanol (4719-04-4)			
LC50 fish 1	16.07 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio; Static system; Fresh water; Experimental value)			
EC50 Daphnia 1	11.9 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)			
EC50 Daphnia 2	8.75 mg/l (EC0; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)			
Threshold limit algae 1	6.66 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Desmodesmus subspicatus; Static system; Fresh water; Experimental value)			
Threshold limit algae 2	1.56 mg/l (NOEC; OECD 201: Alga, Growth Inhibition Test; 72 h; Desmodesmus subspicatus; Static system; Fresh water; Experimental value)			
Oleic Acid (112-80-1)				
LC50 fish 2	205 mg/l (LC50; 96 h; Pimephales promelas)			
Barium Sulfate (7727-43-7)				
EC50 Daphnia 1	32 mg/l (EC50; 48 h)			
Threshold limit algae 1	≥1.92,NOEC; OECD 201: Alga, Growth Inhibition Test; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value			

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12.2. Persistence and degradability	12.2. Persistence and degradability			
METAL POLISH TUBE 3.5 OZ.				
Persistence and degradability	Not established.			
Water (7732-18-5)				
Persistence and degradability Not established.				
Alcohols, C12-13, Ethoxylated (66455-14-9)				
Persistence and degradability	Readily biodegradable in water. Biodegradability in soil: no data available. No (test)data on mobility of the components available.			
Distillates (Petroleum), Hydrotreated Light (64	742-47-8)			
Persistence and degradability	Not established.			
CI 77007 (57455-37-5)				
Persistence and degradability	Not established.			
Aluminium Oxide, Activated (1344-28-1)				
Persistence and degradability	Biodegradability: not applicable. No (test)data on mobility of the substance available.			
ThOD	Not applicable			
2,2',2"-(Hexahydro-1,3,5-Triazine-1,3,5-Triyl) T				
Persistence and degradability	Readily biodegradable in water.			
Silicone (63148-62-9)	Not established			
Persistence and degradability	Not established.			
Oleic Acid (112-80-1)	Boodily hiodogradable in water Biodogradable in the sail. Adogradable into the sail			
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Adsorbs into the soil. Photodegradation in the air.			
Chemical oxygen demand (COD)	2.25 g O ₂ /g substance			
ThOD BOD (% of ThOD)	2.89 g O_2 /g substance > 0.5 (5 days; Literature study)			
Ammonium Hydroxide, Aqueous Solution, Co				
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the			
,	components available. Ozonation in the air.			
Barium Sulfate (7727-43-7)	Disaboundability and applicable Markey Order and ability of the substance and label Markey			
Persistence and degradability	Biodegradability: not applicable. No (test)data on mobility of the substance available. Not established.			
Biochemical oxygen demand (BOD)	Not applicable			
Chemical oxygen demand (COD) ThOD	Not applicable Not applicable			
-	Not applicable			
12.3. Bioaccumulative potential				
METAL POLISH TUBE 3.5 OZ. Bioaccumulative potential	Not established.			
'	Not established.			
Water (7732-18-5) Bioaccumulative potential	Not established.			
Alcohols, C12-13, Ethoxylated (66455-14-9)	THO COMMUNICAL			
Log Pow	3.0			
Bioaccumulative potential	Not bioaccumulative.			
Distillates (Petroleum), Hydrotreated Light (64				
Bioaccumulative potential	Not established.			
CI 77007 (57455-37-5)				
Bioaccumulative potential	Not established.			
Aluminium Oxide, Activated (1344-28-1)				
Bioaccumulative potential	No bioaccumulation data available.			
2,2',2"-(Hexahydro-1,3,5-Triazine-1,3,5-Triyl) T	riethanol (4719-04-4)			
Log Pow	-4.67 (Calculated)			
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).			
Silicone (63148-62-9)				
Bioaccumulative potential	Not established.			
Oleic Acid (112-80-1)				
Log Pow	5.24 - 7.18 (QSAR)			
Bioaccumulative potential	Not established.			
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Ammonium Hydroxide, Aqueous Solution, Conc=25% (1336-21-6)	
Bioaccumulative potential	Not bioaccumulative.
Barium Sulfate (7727-43-7)	
BCF fish 1	68.4 (BCF; Lepomis macrochirus)
Bioaccumulative potential Low potential for bioaccumulation (BCF < 500). Not established.	

12.4. Mobility in soil

2,2',2"-(Hexahydro-1,3,5-Triazine-1,3,5-Triyl) Triethanol (4719-04-4)		
Log Koc	log Koc,PCKOCWIN v1.66; 1; Calculated value; Koc; PCKOCWIN v1.66; 10; Calculated value	
Oleic Acid (112-80-1)		
Surface tension	0.033 N/m (20 °C)	

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. Hazardous waste due to toxicity.

SECTION 14: Transport information

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

US DOT (ground): Not Regulated, ICAO/IATA (air): Not Regulated, IMO/IMDG (water): Not Regulated,

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not Regulated

14.3. Additional information

Other information : No supplementary information available.

Overland transport

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

METAL POLISH TUBE 3.5 OZ.	
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard Immediate (acute) health hazard
Distillates (Petrolaum) Hydrotreated Light (6/17/2-47-8)	

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

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

Oleic Acid (112-80-1)

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

15.2. International regulations

CANADA

Distillates (Petroleum), Hydrotreated Light (64742-47-8)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification Uncontrolled product according to WHMIS classification criteria	
Oleic Acid (112-80-1)	
Listed on the Canadian DSL (Domestic Substances List)	

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EU-Regulations

Oleic Acid (112-80-1)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)- Directive 79/831/EEC, sixth Amendment of Directive 67/548/EEC (dangerous substances)

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

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

N; R51/53

Full text of R-phrases: see section 16

15.2.2. National regulations

Oleic Acid (112-80-1)

Listed on the AICS (Australian Inventory of Chemical Substances) Listed on the Korean ECL (Existing Chemicals List)

15.3. US State regulations

METAL POLISH TUBE 3.5	OZ.			
U.S California - Proposition 65 - Carcinogens List		No		
U.S California - Proposition 65 - Developmental Toxicity		No		
U.S California - Propositio Toxicity - Female	n 65 - Reproductive	No		
U.S California - Propositio	n 65 - Reproductive	No		
Toxicity - Male				
State or local regulations		U.S California - Proposition 6	65	
Water (7732-18-5)				
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	Non-significant risk level (NSRL)
No	No	No	No	
Alcohols, C12-13, Ethoxyla	ated (66455-14-9)			
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	Non-significant risk level (NSRL)
No	No	No	No	
Distillates (Petroleum), Hy	drotreated Light (64742-47	7-8)		
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	Non-significant risk level (NSRL)
No	No	No	No	
CI 77007 (57455-37-5)				
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	Non-significant risk level (NSRL)
No	No	No	No	
Aluminium Oxide, Activate	ed (1344-28-1)			
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	Non-significant risk level (NSRL)
No	No	No	No	
2,2',2"-(Hexahydro-1,3,5-Ti	riazine-1.3.5-Trivl) Triethar	nol (4719-04-4)		
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity -	U.S California - Proposition 65 - Reproductive Toxicity -	Non-significant risk level (NSRL)

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2,2',2"-(Hexahydro-1,3,5-Triazine-1,3,5-Triyl) Triethanol (4719-04-4)				
		Female	Male	
No	No	No	No	
Silicone (63148-62-9)				
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	Non-significant risk level (NSRL)
No	No	No	No	
Oleic Acid (112-80-1)				
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	Non-significant risk level (NSRL)
No	No	No	No	
Ammonium Hydroxide,	Aqueous Solution, Conc=25%	(1336-21-6)		
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	Non-significant risk level (NSRL)
No	No	No	No	
Barium Sulfate (7727-43	3-7)			
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	Non-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:

ext of 11-philases.				
	H302	Harmful if swallowed		
	H304	May be fatal if swallowed and enters airways		
	H314	Causes severe skin burns and eye damage		
	H315	Causes skin irritation		
	H317	May cause an allergic skin reaction		
	H318	Causes serious eye damage		
	H400	Very toxic to aquatic life		

NFPA health hazard : 2 - Intense or continued exposure could cause temporary

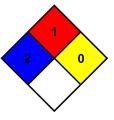
incapacitation or possible residual injury unless prompt

medical attention is given.

NFPA fire hazard : 1 - Must be preheated 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 : 1 Slight Hazard
Physical : 0 Minimal Hazard

Personal Protection : B

SDS US (GHS HazCom 2012) - TCC

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Safety Data Sheet

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

The Supplier identified in Section 1 of this SDS 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

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