



Safety Data Sheet

Spartan Chemical Company, Inc.

Revision Date: 28-Nov-2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: SHINELINE EMULSIFIER PLUS
Product Number: 0084
Recommended Use: Stripping solution
Uses Advised Against: For Industrial and Institutional Use Only

Manufacturer/Supplier: Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee, Ohio 43537 USA
800-537-8990 (Business hours)
www.spartanchemical.com

24 Hour Emergency Phone Numbers:

Medical Emergency/Information: 888-314-6171
Transportation/Spill/Leak: CHEMTREC 800-424-9300

2. HAZARDS IDENTIFICATION

GHS Classification

Acute Toxicity - Oral: Category 4
Acute toxicity - Inhalation (Dusts/Mists) Category 4
Skin Corrosion/Irritation: Category 1
Serious Eye Damage/Eye Irritation: Category 1
Corrosive to Metals: Category 1

GHS Label Elements

Signal Word:

Symbols:

Danger



Hazard Statements:

Harmful if swallowed.
Harmful if inhaled.
Causes severe skin burns and serious eye damage.
May be corrosive to metals.

Precautionary Statements:

Prevention:

Wash hands and any exposed skin thoroughly after handling.
Do not eat, drink or smoke when using this product
Use only outdoors or in a well-ventilated area
Do not breathe mist, vapors or spray.
Wear protective gloves. Wear eye / face protection. Wear protective clothing.
Keep in original or other corrosion resistant container.

Response:

-Eyes

IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

-Skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse.

-Inhalation:	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
-Ingestion:	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
-Specific Treatment:	See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.
Spill:	Absorb spillage to prevent material damage.
Storage:	Store locked up. Store in corrosion resistant container.
Disposal:	Dispose of contents and container in accordance with local, state and federal regulations.
Hazards Not Otherwise Classified:	Not Applicable
Other Information:	• Corrosive. • Harmful or fatal if swallowed. • Harmful contact may not cause immediate pain. • Take off and destroy contaminated shoes. • Keep out of reach of children. • NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
water	7732-18-5	30-60
2-butoxyethanol	111-76-2	10-30
monoethanolamine	141-43-5	1-5
sodium xylene sulfonate	1300-72-7	1-5
sodium hydroxide	1310-73-2	1-5
alkyl polyglucoside	132778-08-6	1-5

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

-Eye Contact:	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.
-Skin Contact:	Take off immediately all contaminated clothing and shoes. Rinse with water or shower for at least 15 minutes. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN. Wash contaminated clothing before reuse. Discard or destroy contaminated shoes.
-Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.
-Ingestion:	Rinse mouth. Do NOT induce vomiting. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN. Never give anything by mouth to an unconscious person.
Note to Physicians:	NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Product does not support combustion, Use extinguishing agent suitable for type of surrounding fire
Specific Hazards Arising from the Chemical:	Dried product is capable of burning. Combustion products are toxic.
Hazardous Combustion Products:	May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.
Protective Equipment and Precautions for Firefighters:	Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
Environmental Precautions: Do not rinse spill onto the ground, into storm sewers or bodies of water.
Methods for Clean-Up: Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

7. HANDLING AND STORAGE

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.
Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing.
Suggested Shelf Life: Minimum of 2 years from date of manufacture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
2-butoxyethanol 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m ³ (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³
monoethanolamine 141-43-5	STEL: 6 ppm TWA: 3 ppm	TWA: 3 ppm TWA: 6 mg/m ³ (vacated) TWA: 3 ppm (vacated) TWA: 8 mg/m ³ (vacated) STEL: 6 ppm (vacated) STEL: 15 mg/m ³	IDLH: 30 ppm TWA: 3 ppm TWA: 8 mg/m ³ STEL: 6 ppm STEL: 15 mg/m ³
sodium hydroxide 1310-73-2	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³

Engineering Controls: Provide good general ventilation.
 If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.

Personal Protective Equipment

Eye/Face Protection: Wear splash goggles. For severe use-conditions, wear a face shield over the goggles.

Skin and Body Protection: Wear rubber or other chemical-resistant gloves and solvent / alkali resistant boots. The use of other protective equipment should be considered in order to prevent or minimize contact with this product.

Respiratory Protection: Not required with expected use.
 If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.

General Hygiene Considerations: Wash hands and any exposed skin thoroughly after handling.
 See 29 CFR 1910.132-138 for further guidance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State:	Liquid
Color:	Clear
Odor:	Fresh
pH:	13.5-14.0
Melting Point / Freezing Point:	No information available.
Boiling Point / Boiling Range:	100 °C / 212 °F
Flash Point:	> 100 °C / > 212 °F ASTM D56
Evaporation Rate:	< 1 (Butyl acetate = 1)
Flammability (solid, gas)	No information available.
Upper Flammability Limit:	No information available.
Lower Flammability Limit:	No information available.
Vapor Pressure:	No information available.
Vapor Density:	No information available.
Specific Gravity:	1.035
Solubility(ies):	Soluble in water
Partition Coefficient:	No information available.
Autoignition Temperature:	No information available.
Decomposition Temperature:	No information available.
Viscosity:	No information available.

10. STABILITY AND REACTIVITY

Reactivity:	This material is considered to be non-reactive under normal conditions of use.
Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous Reactions:	Contact with aluminum or other reactive metals may release hydrogen gas.
Conditions to Avoid:	Extremes of temperature and direct sunlight.
Incompatible Materials:	Strong oxidizing agents. Strong acids.
Hazardous Decomposition Products:	May include carbon monoxide, carbon dioxide (CO ₂) and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Eyes, Skin, Ingestion, Inhalation.
Symptoms of Exposure:	
-Eye Contact:	Pain, redness, swelling of the conjunctiva and tissue damage. Eye contact may cause permanent damage.
-Skin Contact:	Pain, redness, blistering and possible chemical burn.
-Inhalation:	Irritation or damage to the mucus membranes of the respiratory tract. Nasal discomfort and coughing.
-Ingestion:	Damage or chemical burns to mouth, throat and stomach. Pain, nausea, vomiting and diarrhea.
Immediate, Delayed, Chronic Effects	
Product Information:	Data not available or insufficient for classification.
Chronic Toxicity:	May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects.
Target Organ Effects:	Blood. Central nervous system. -Eyes. hematopoietic system. kidney. Liver. Respiratory System. -Skin.
Numerical Measures of Toxicity	
The following acute toxicity estimates (ATE) are calculated based on the GHS document.	
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ATEmix (oral):	1638 mg/kg
ATEmix (dermal):	3227 mg/kg
ATEmix (inhalation-dust/mist):	4.8 mg/l
ATEmix (inhalation-vapor):	7.9 mg/l

Component Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
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water 7732-18-5	> 90 mL/kg (Rat)	Not Available	Not Available
2-butoxyethanol 111-76-2	= 470 mg/kg (Rat)	= 99 mg/kg (Rabbit)	= 450 ppm (Rat) 4 h
monoethanolamine 141-43-5	= 1720 mg/kg (Rat)	= 1000 mg/kg (Rabbit)	Not Available
sodium xylene sulfonate 1300-72-7	= 1000 mg/kg (Rat)	Not Available	Not Available
sodium hydroxide 1310-73-2	Not Available	= 1350 mg/kg (Rabbit)	Not Available

Carcinogenicity: No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
2-butoxyethanol 111-76-2	Not Available	1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50	Not Available	1000: 48 h Daphnia magna mg/L EC50
monoethanolamine 141-43-5	15: 72 h Desmodesmus subspicatus mg/L EC50	227: 96 h Pimephales promelas mg/L LC50 flow-through 3684: 96 h Brachydanio rerio mg/L LC50 static 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 114 - 196: 96 h Oncorhynchus mykiss mg/L LC50 static 200: 96 h Oncorhynchus mykiss mg/L LC50 flow-through	Not Available	65: 48 h Daphnia magna mg/L EC50
sodium hydroxide 1310-73-2	Not Available	45.4: 96 h Oncorhynchus mykiss mg/L LC50 static	Not Available	Not Available

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Other Adverse Effects: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated Packaging: Dispose of in accordance with federal, state and local regulations.

US EPA Waste Number: D002

14. TRANSPORT INFORMATION

DOT:

UN/ID No:

UN 1760

Proper Shipping Name:

Corrosive liquids, n.o.s., (contains sodium hydroxide)

Hazard Class:

8

Packing Group:

II

Special Provisions:

Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

IMDG:

UN/ID No:

UN 1760

Proper Shipping Name:

Corrosive liquids, n.o.s., (contains sodium hydroxide)

Hazard Class: 8
Packing Group: II

15. REGULATORY INFORMATION

TSCA Status: (Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA 313

This product contains the following listed substances:

2-butoxyethanol

CAS No 111-76-2 applies to R-(OCH₂CH₂)_n-OR', where n = 1, 2, or 3, R=Alkyl C7 or less, or R = Phenyl or Alkyl substituted phenyl, R' = H or Alkyl C7 or less, or OR' consisting of Carboxylic acid ester, Sulfate, Phosphate, Nitrate, or Sulfonate
Chemical Category N230

SARA 311/312 Hazard Categories

Acute Health Hazard:	Yes
Chronic Health Hazard:	Yes
Fire Hazard:	No
Sudden release of pressure hazard:	No
Reactive Hazard:	No

California Proposition 65

This product is not subject to warning requirements under California Proposition 65.

16. OTHER INFORMATION

NFPA	Health Hazards: 3	Flammability: 0	Instability: 0	Special: N/A
HMIS	Health Hazards: 3*	Flammability: 0	Physical Hazards: 0	

Revision Date: 28-Nov-2017
Reasons for Revision: Section 7 and 9

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



User-Prepared Solution Safety Summary Sheet

Revision Date: 09-Mar-2016

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: SHINELINE EMULSIFIER PLUS USER-PREPARED SOLUTION (1:2)
Diluted at 1:2 (or greater) in water

Manufacturer/Supplier: Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee, Ohio 43537 USA
800-537-8990 (Business hours)
www.spartanchemical.com

Medical Emergency/Information: 888-314-6171

2. HAZARDS IDENTIFICATION

GHS Classification

Skin Corrosion/Irritation: Category 1
Serious Eye Damage/Eye Irritation: Category 1

GHS Label Elements

Signal Word:

Symbols:

Danger



Hazard Statements:

Causes severe skin burns and serious eye damage.

Precautionary Statements:

Prevention:

Do not breathe mist, vapors or spray.

Wash hands and any exposed skin thoroughly after handling.

Wear protective gloves. Wear eye / face protection. Wear protective clothing.

IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

Response:

-Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

-Skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse

-Inhalation:

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

-Ingestion:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

-Specific Treatment:

See Safety Summary Sheet Section 4: "First Aid Measures" for additional information.

Storage:

Store locked up.

Disposal:

Dispose of contents and container in accordance with local, state and federal regulations.

Hazards Not Otherwise Classified: Not Applicable

Other Information:

Harmful if swallowed. Harmful contact may not cause immediate pain. Harmful if absorbed through skin. Inhalation of vapors or mist may cause respiratory irritation. Keep out of reach of children. NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
water	7732-18-5	80-90
2-butoxyethanol	111-76-2	5-10
monoethanolamine	141-43-5	1-5
sodium xylene sulfonate	1300-72-7	1-5
sodium hydroxide	1310-73-2	1-5
alkyl polyglucoside	132778-08-6	0.1-1.0

4. FIRST AID MEASURES

-Eye Contact:	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.
-Skin Contact:	Take off immediately all contaminated clothing and shoes. Rinse with water or shower for at least 15 minutes. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN. Wash contaminated clothing before reuse
-Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.
-Ingestion:	Rinse mouth. Do NOT induce vomiting. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN. Never give anything by mouth to an unconscious person.
Note to Physicians:	NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

5. PERSONAL PROTECTIVE EQUIPMENT (PPE)

Eye/Face Protection:	Wear splash goggles. For severe use-conditions, wear a face shield over the goggles.
Skin and Body Protection:	Wear rubber or other chemical-resistant gloves and solvent / alkali resistant boots. The use of other protective equipment should be considered in order to prevent or minimize contact with this product.
Respiratory Protection:	Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.
General Hygiene Considerations:	Wash hands and any exposed skin thoroughly after handling. See 29 CFR 1910.132-138 for further guidance.

6. PHYSICAL AND CHEMICAL PROPERTIES

Color:	Colorless
Odor:	Fresh
pH:	13.5-13.7
Flash Point:	> 100 °C / > 212 °F ASTM D56
Specific Gravity:	1.02

7. OTHER INFORMATION

NFPA	Health Hazards: 3	Flammability: 0	Instability: 0	Special: N/A
HMIS	Health Hazards: 3*	Flammability: 0	Physical Hazards: 0	

Revision Date: 09-Mar-2016
Reasons for Revision: Revised formula



Solución Usuario Preparado

Hoja Resumen de Seguridad

Fecha de revisión 09-mar-2016

1. Identificación del producto y de la empresa

Nombre del producto: SHINELINE EMULSIFIER PLUS USER-PREPARED SOLUTION (1:2)
Diluted at 1:2 (or greater) in water

Empresa: Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee, Ohio 43537 USA
800-537-8990 (Business hours)
www.spartanchemical.com

Emergencias Médicas/Información: 888-314-6171

2. Identificación de riesgos

Clasificación GHS

corrosión/irritación cutánea

Daño/irritación grave de los ojos

Categoría 1

Categoría 1

GHS Elementos de la etiqueta

Palabra de advertencia

Símbolos:

Peligro



Declaraciones sobre riesgos

Declaraciones de precaución

Prevención

Causa graves quemaduras en la piel y graves daños en los ojos.

No respire gases, vapores ni vaporizaciones.

Lávese a fondo las manos y cualquier expuesto piel después de la manipulación.

Use guantes de protección. Use protección para el rostro / los ojos. Use prendas de protección.

LLAME INMEDIATAMENTE A UN CENTRO DE ENVENENAMIENTO O A UN MÉDICO.

SI ENTRA EN CONTACTO CON LOS OJOS: Enjuáguese cuidadosamente con agua durante varios minutos. Quítese las lentes de contacto, si las tiene puestas y es fácil hacerlo. Siga enjuagándose.

SI ENTRA EN CONTACTO CON LA PIEL (o el cabello): Quítese inmediatamente todas las prendas contaminadas. Enjuáguese la piel con agua o la ducha. Lavar las prendas contaminadas antes de volver a usarlas

EN CASO DE INHALACIÓN: Transportar a la víctima al exterior y mantenerla en reposo en una posición confortable para respirar

SI SE INGIERE: Enjuáguese la boca. NO induzca el vómito.

Ver Hoja Resumen de Seguridad Sección 4 "Primeros Auxilios" para obtener información adicional.

Respuesta

-Ojos

-Piel

-Inhalación:

-Ingestión:

-Tratamiento específico:

Almacenamiento:

Eliminación:

Debe guardarse en un lugar cerrado con llave.

Disponer de el contenido y el recipiente de acuerdo con las locales, estatales y federales regulaciones .

Riesgos Sin Otra Clasificación:

No aplicable

Información adicional: Nocivo si se ingiere. El contacto dañino puede no causar dolor inmediato. Nocivo si es absorbido por la piel. La inhalación de los vapores o la niebla puede causar irritación a las vías respiratorias. Mantenga lejos del alcance de los niños. **NOTA PARA EL MÉDICO:** El probable daño mucoso puede contraindicar el uso de lavado gástrico.

3. Composición/información sobre los ingredientes

nombre de la sustancia química:	N.º de CAS	% de peso
water	7732-18-5	80-90
2-butoxyethanol	111-76-2	5-10
monoethanolamine	141-43-5	1-5
sodium xylene sulfonate	1300-72-7	1-5
sodium hydroxide	1310-73-2	1-5
alkyl polyglucoside	132778-08-6	0.1-1.0

4. Medidas de primeros auxilios

-Contacto con los ojos	SI ENTRA EN CONTACTO CON LOS OJOS: Enjuáguese cuidadosamente con agua durante al menos 15 minutos. Quítese las lentes de contacto, si las tiene puestas y es fácil hacerlo. Siga enjuagándose. LLAME INMEDIATAMENTE A UN CENTRO DE ENVENENAMIENTO O A UN MÉDICO.
-Contacto con la piel:	Quítese inmediatamente todas las prendas contaminadas y los zapatos. Enjuáguese la piel con agua o la ducha durante al menos 15 minutos. LLAME INMEDIATAMENTE A UN CENTRO DE ENVENENAMIENTO O A UN MÉDICO. Lavar las prendas contaminadas antes de volver a usarlas
-Inhalación:	Transportar a la víctima al exterior y mantenerla en reposo en una posición confortable para respirar LLAME INMEDIATAMENTE A UN CENTRO DE ENVENENAMIENTO O A UN MÉDICO.
-Ingestión:	Enjuáguese la boca. NO induzca el vómito. LLAME INMEDIATAMENTE A UN CENTRO DE ENVENENAMIENTO O A UN MÉDICO. Nunca le dé algo por boca a una persona inconsciente.
Nota para médicos	NOTA PARA EL MÉDICO: El probable daño mucoso puede contraindicar el uso de lavado gástrico.

5. Equipo de protección personal (EPP)

Protección para el rostro y los ojos:	Utilizar gafas salpicadura. Para condiciones de uso severas, use una cara de escudo sobre las gafas.
Skin and Body Protection:	Use guantes de goma u otros guantes resistentes a productos químicos y botas resistentes a los solventes y alcalinos. El uso de otro equipo de protección debe ser considerada con el fin de prevenir o minimizar el contacto con este producto.
Protección respiratoria	No se requiere con el uso esperado. Si los límites de exposición en el trabajo o si una irritación respiratoria se produce, el uso de un respirador NIOSH/MSHA aprobado, adecuado para las condiciones de uso y los productos químicos en la Sección 3, debería considerarse.
Consideraciones generales de higiene:	Lávese a fondo las manos y cualquier expuesto piel después de la manipulación. Consulte 29 CFR 1910.132-138 para mayor orientación.

6. Propiedades físicas y químicas

Color	Incoloro
Olor	Fresco
pH	13.5-13.7
punto de inflamación	> 100 °C / > 212 °F ASTM D56
Gravedad Específicas	1:02

7. Otra Información

NFPA Riesgos a la salud: 3 Inflamabilidad: 0 Inestabilidad: 0 Especial: N/A

HMIS**Riesgos a la salud:** 3* **Inflamabilidad:** 0**Riesgos físicos** 0**Fecha de revisión**

09-mar-2016

Razones de Revisión:

Fórmula revisada

Shineline Emulsifier Plus® Finish and Wax Stripper

USER PREPARED SOLUTION Diluted at 1:2 (or greater) in water

HMIS HAZARD RATING: Health = 3*, Flammability = 0, Physical Hazards = 0
INGREDIENTS: See original label or Safety Data Sheet
Personal Protective Equipment (PPE) Recommendations: Wear splash goggles, impervious gloves, boots and other protective equipment to prevent eye/skin contact.

Follow the directions for use on the original container label.
Read Safety Data Sheet before use.

DANGER: Causes severe skin burns and serious eye damage.
Do not breathe mist, vapors or spray. Wash hands and any exposed skin thoroughly after handling. Wear protective gloves. Wear eye / face protection. Wear protective clothing.

FIRST AID: IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Specific Treatment: See Safety Summary Sheet Section 4: "First Aid Measures" for additional information.

Storage: Store locked up.

Disposal: Dispose of contents and container in accordance with local, state and federal regulations.

Other Information: Harmful if swallowed. Harmful contact may not cause immediate pain. Harmful if absorbed through skin. Inhalation of vapors or mist may cause respiratory irritation. Keep out of reach of children. NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

MEDICAL EMERGENCY: 888-314-6171

Shineline Emulsifier Plus® Quitaceras y Acabado

USUARIO SOLUCIÓN PREPARADA Diluido a 1:2 (o mayor) en agua

ÍNDICE DE PELIGRO HMIS: Salud = 3*, Inflamabilidad = 0, Riesgos Físicos = 0
INGREDIENTES: Consulte la etiqueta original o la Hoja de Seguridad.

Recomendaciones para Equipo de Protección Personal (PPE): Use gafas resistentes a salpicaduras, guantes impermeables, botas y otro equipo de protección para evitar el contacto con los ojos y la piel.

Siga las instrucciones de uso en la etiqueta del envase original.
Lea la Hoja de datos de seguridad antes de su uso.

PELIGRO: Causa graves quemaduras en la piel y graves daños en los ojos.

No respire gases, vapores ni vaporizaciones. Lávese a fondo las manos y cualquier expuesto piel después de la manipulación. Use guantes de protección. Use protección para el rostro / los ojos. Use prendas de protección.

PREMIERS AUXILIOS: LLAME INMEDIATAMENTE A UN CENTRO DE ENVENENAMIENTO O A UN MÉDICO.

SI ENTRA EN CONTACTO CON LOS OJOS: Enjuáguese cuidadosamente con agua durante varios minutos. Quite las lentes de contacto, si las tiene puestas y es fácil hacerlo. Siga enjuagándose.

SI ENTRA EN CONTACTO CON LA PIEL (o el cabello): Quite inmediatamente todas las prendas contaminadas. Enjuáguese la piel con agua o la ducha. Lave las prendas contaminadas antes de volver a usarlas.

SI SE INHALA: Traslade a la víctima para que respire aire fresco en una posición cómoda.

SI SE INGIERE: Enjuáguese la boca. NO induzca el vómito.

Tratamiento Específico: Ver Hoja Resumen de Seguridad Sección 4 "Primeros Auxilios" para obtener información adicional.

Almacenamiento: Debe guardarse en un lugar cerrado con llave.

Eliminación: Disponer de el contenido y el recipiente de acuerdo con las locales, estatales y federales regulaciones.

Información adicional: Nocivo si se ingiere. El contacto dañino puede no causar dolor inmediato. Nocivo si es absorbido por la piel. La inhalación de los vapores o la niebla puede causar irritación a las vías respiratorias. Mantenga lejos del alcance de los niños.
NOTA PARA EL MÉDICO: El probable daño mucoso puede contraindicar el uso de lavado gástrico. **EMERGENCIA MÉDICA: 888-314-6171**

Shineline Emulsifier Plus® Décapant des Finition et Cire

UTILISATEUR SOLUTION PRÉPARÉE Diluée à 1 : 2 (ou plus) dans l'eau

ÉVALUATION DES RISQUES HMIS : Santé = 3*, Feu = 0, Risques Physiques = 0
INGREDIENTS : Voir l'étiquette d'origine ou de la fiche de données de sécurité.

Recommandations pour Équipo de Protection Personnel (PPE) : Porter des lunettes de protection contre les éclaboussures, des gants imperméables, bottes et autre équipement de protection pour éviter tout contact aux yeux et peau.

Suivre les indications pour l'utilisation sur l'étiquette du contenant d'origine.
Lire la fiche de données de sécurité avant utilisation.

DANGER : Provoque de graves brûlures et des lésions graves oculaires.

Ne pas respirer poussières brume, vapeurs ou diffusions. Laver soigneusement les mains et toute surface cutanée exposée après manipulation. Porter une des gants protection. Portez des lunettes / masque de protection. Porter des vêtements protecteurs.

PREMIERS SOINS : APPELER IMMÉDIATEMENT UN CENTRE ANTIPOISON OU UN MÉDECIN.

EN CAS DE CONTACT AVEC LES YEUX : Rincer avec précaution à l'eau pendant plusieurs minutes. Retirer les lentilles de contact, si cela est facile à faire. Continuer à rincer.

EN CAS DE CONTACT AVEC LA PEAU (ou les cheveux) : Retirer immédiatement tous les vêtements contaminés. Rincer avec de l'eau prendre ou une douche. Laver les vêtements souillés avant réutilisation.

EN CAS D'INHALATION : Transporter la victime à l'extérieur et la maintenir au repos dans une position où elle peut confortablement respirer.

EN CAS D'INGESTION : Rincer la bouche. NE PAS causer le vomissement.

Traitement Spécifique : Voir la Sécurité Fiche de Récapitulative Section 4 : "Premiers Secours" pour des informations supplémentaires.

Conservation : Garder sous clef.

Mise au Rebut : Disposer de contenu et récipient conformément aux réglementations locales, fédérales et d'état.

Autres Informations : Nocif en cas d'ingestion. Le contact nocif peut causer de la douleur immédiate. Nocif si absorbé par la peau. L'inhalation de vapeurs ou de brouillards peut provoquer une irritation des voies respiratoires. Conserver hors de la portée des enfants.
NOTE AU MÉDECIN : Des dommages probables aux muqueuses peut être une contre indication au lavage gastrique.

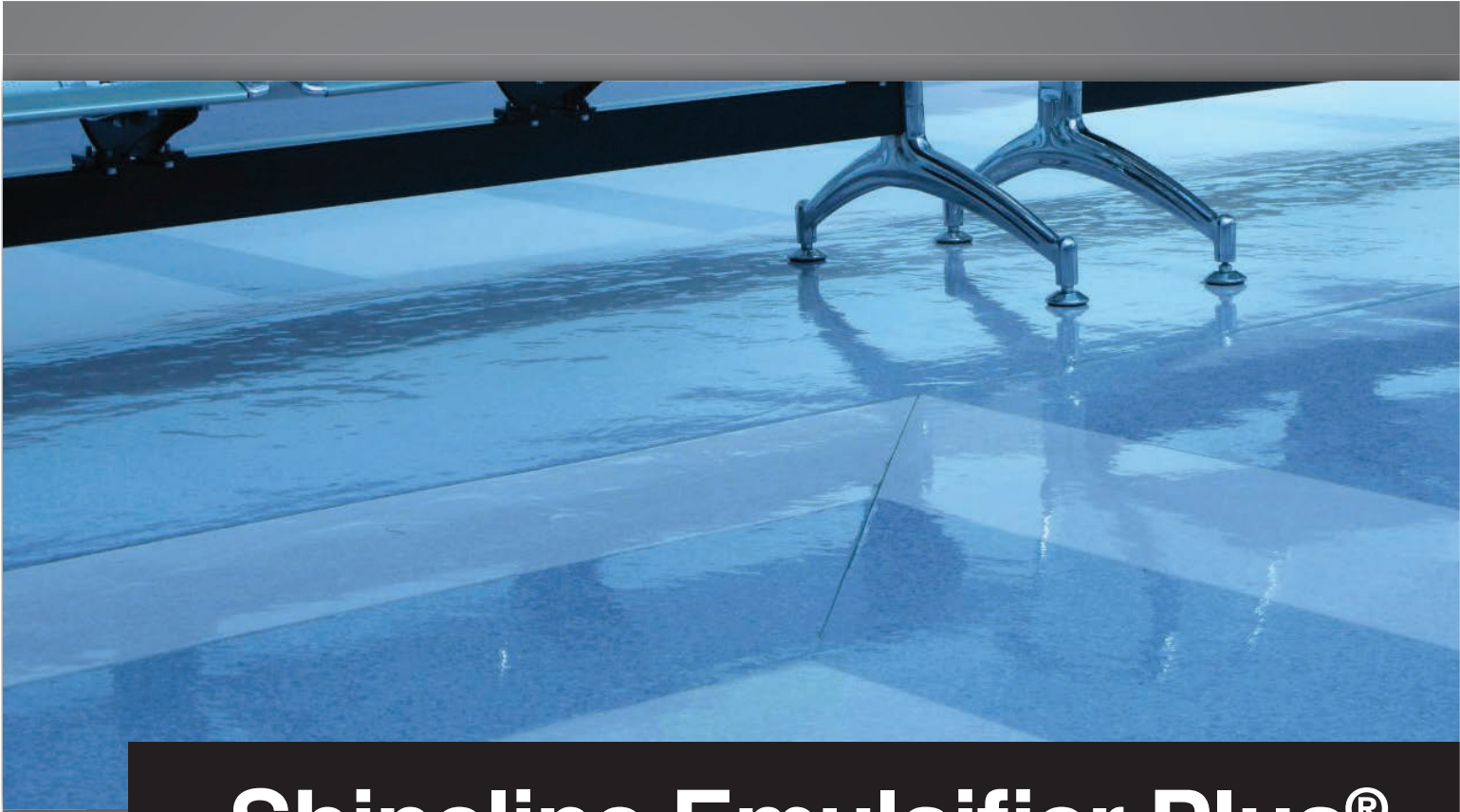
URGENCE MÉDICALE : 888-314-6171

SPARTAN CHEMICAL COMPANY, INC., 1110 Spartan Drive, Maumee, OH 43537 / 1-800-537-8990 / www.spartanchemical.com

#956200

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Shineline Emulsifier Plus®

finish and wax stripper

When you need high performance, choose Emulsifier Plus. It quickly removes heavy build ups and burnished floor finish, enhancing time and labor savings. This lightly scented solution can be used with hot or cold water, and is formulated for use with ultra-high speed floor care systems.



Providing Quality Maintenance and Chemical Specialty Solutions with Unparalleled Customer Service



Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee, OH 43537
1-800-537-8990
www.spartanchemical.com

HIGH PERFORMANCE:

Shineline Emulsifier Plus is a high performance stripping compound formulated to quickly remove heavy build-ups and burnished floor finish and enhance the time and labor saving benefits provided through ultra high speed floor care systems!

EXTRA AGGRESSIVE SPEED STRIPPER:

Specially selected solvents in the Shineline Emulsifier Plus formula quickly cut through and emulsify multiple layers of floor finish. Shineline Emulsifier Plus makes an excellent stripper for heavy build-up or "quick strip" applications, when quick floor turn-around is essential.

VERSATILE AND EASY TO USE:

Shineline Emulsifier Plus is versatile. May be used with hot or cool water. Mop on. Agitate. Remove remaining solution easily with a mop, wet vac or automatic scrubber.

THE RIGHT CHOICE FOR HEALTH CARE!

Lightly scented, Shineline Emulsifier Plus is formulated to eliminate strong solvent odors, which are particularly offensive to hospital and nursing home patients and personnel.

DIRECTIONS FOR USE:

Some individuals may be sensitive to ingredients in this product. Before using, read product label and MSD sheet. Prevent pedestrian traffic with signs or barricades.

Light to Medium Finish/Wax Build-Up:

Dilute product 1:10 [12 oz./gal.] or [100 ml per liter] with warm or room temperature water.

Heavy Finish/Wax Build-Up:

Dilute as strong as 1:2 [64 oz./gal.] or [500 ml per liter]. Liberally apply product with mop to small section (100 sq. ft./9 m²) of floor. Be sure to completely cover floor to the baseboards. After 3 to 5 minutes, agitate the wetted section with mop or machine scrub. Pick up solution using mop or wet vac.

Note: Do not allow solution to dry on the floor. Damp mop 2 or 3 times with clear water to remove residue or squeegee tracks as necessary. Flood rinsing is not required before recoating.

Be sure to read all Directions, Precautionary and First Aid Statements on product labels before use of this or any Spartan product. If questions remain, consult your employer or a physician. Material Safety Data Sheets for all Spartan products are available from your authorized Spartan distributor or by visiting www.spartanchemical.com.

SPECIFICATIONS:

Total Active Ingredients - 40.25%
Specific Gravity - 1.017 @ 24°C/75°F
Density - 8.47 lbs./gal. @ 24°C/75°F
Viscosity - water thin
pH Concentrate - 13.5-13.7
Cloud Point - 60°C/140°F
Solvents - Butoxyethanol
Flash Point - none

Stability:

- Shelf @ 24°C/75°F - in excess of one year
- Accelerated @ 49°C/120°F - in excess of 90 days
- Freeze/Thaw Cycle - freezes and thaws with complete clarity

Rinsability - rinses completely in hot or cold water.

Phosphate free



ISSA MEMBER
The Experts
on Cleaning and Maintenance

Distributed by:

PACKAGING	
008465	330-gallon totes
008455	55-gallon drum
008430	30-gallon drum
008415	15-gallon drum
008405	5-gallon pail
008404	1-gallon (4 per case)



Label copy is provided in English and Spanish. Secondary labels are also available.

GUARANTEE: Spartan's modern manufacturing and laboratory control insure uniform quality. If dissatisfied with performance of product, any unused portion may be returned for credit within one year of the date of manufacture. Use product as directed and read all precautionary statements.

For institutional and industrial use only.

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