



Serving Our Customers Since 1975

SAFETY DATA SHEET

Issue Date: 30 November 2016

Revision Date: 30 November 2016

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: METAL SLIDE

Product Description: Asphalt Release Agent

Other Means of Identification

Product # 156B

Synonyms None

Details of the Supplier of the Safety Data Sheet

Company Name CHEMCO INDUSTRIES, INC.
5731 Manchester Avenue
St. Louis, MO 63110
www.chemcoindustries.com
314-647-1888
1-800-854-4236 (to Reorder)

Emergency Telephone Number

Emergency Telephone CHEMTREC: 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification (GHS-US): Not classified

GHS-US Labeling

Hazard pictograms (GHS-US):



Signal Word (GHS-US): Warning

Hazard Statements (GHS-US): Suspected of causing cancer.
Harmful to aquatic life with long lasting effects

Precautionary statements (GHS-US):
PREVENTION:

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Avoid release to the environment

RESPONSE: IF exposed or concerned: Get medical advice/attention
Immediately call a POISON CENTER or doctor/physician

STORAGE: Store locked up

DISPOSAL: Dispose of contents/container to an approved waste disposal plant

Unknown acute toxicity (GHS-US)(Oral): Not classified

Unknown acute toxicity (GHS-US)(Dermal): Not classified

Carcinogenicity (GHS-US): Category 2

Hazards not otherwise classified (HNOC):

Unknown Acute Toxicity 0.29442015% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance: Not applicable

Mixture:

Chemical Name	CAS No.	Weight-%	Trade Secret
Sodium Dodecylbenzene Sulfonate	25155-30-0	5-10	*
Cocamide DEA	68603-42-9	1-5	*

*The exact percentage (concentration) of composition has been withheld as a trade secret. The exact identities of other ingredients has also been withheld as Trade Secret. However, they do not contribute to the identified hazards of the product and will be divulged to proper authorities in an emergency.

4. FIRST AID MEASURES

Description of first aid measures:

First-aid measures general: If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation: Remove person to fresh air.
First-aid measures after skin contact: Wash off immediately with plenty of water. Wash skin with soap and water.
First-aid measures after eye contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
First-aid measures after ingestion: Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed:

Symptoms/injuries: Any additional important symptoms and effects are described in Section 11 : Toxicology Information.

Indication of any immediate medical attention and special treatment needed:

Treat Symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing media:

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: Caution: Use of water spray when fighting fire may be inefficient.

Special hazards arising from the substance or mixture:

No information available

Explosion Data:

Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: None

Advice for firefighters:

Protective equipment and precautions for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

General measures: Isolate from fire, if possible, without unnecessary risk.

Personal Precautions: Ensure adequate ventilation, especially in confined areas.

Environmental precautions: See Section 12 for additional ecological information.

Methods and material for containment and clean up:

Methods for containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Pick up and transfer to properly labeled container.

7. HANDLING AND STORAGE

Precautions for safe handling:

Precautions for safe handling:

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice
Wash thoroughly after handling. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities:

Storage conditions:

Incompatible products:

Keep containers tightly closed in a dry, cool and well-ventilated area.
None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:

Exposure Guidelines:

Exposure guidelines noted for ingredient(s)

Chemical Name (CAS)	ACGIH TLV	OSHA PEL	NIOSH IDLH
Diethanolamine (111-42-2)	TWA: 1 mg/m ³ inhalable fractions and vapor S*	(vacated) TWA: 3 ppm (vacated) TWA: 15 mg/m ³	TWA: 3 ppm TWA: 15 mg/m ³
Tetrasodium Pyrophosphate (7722-88-5)	-	(vacated) TWA: 5 mg/m ³	TWA: 15 mg/m ³

NIOSH IDLH Immediately Dangerous to Life or Health

Other Information:

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

Appropriate engineering controls:

Showers, Eyewash stations & Ventilation systems.

Individual protection measures, such as personal protective equipment (PPE):

Eye/Face protection:

Skin and body protection:

Respiratory protection:

General Hygiene:

No special technical protective measures are necessary.
No special technical protective measures are necessary. Wear protective gloves and protective clothing. Prolonged contact may cause redness and irritation. Wear protective gloves and protective clothing if needed.
If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Physical state	Liquid
Appearance	Clear
Color	Amber
Odor	None
Odor threshold	No information available
pH	9.0-9.5
Melting point	No information available
Freezing point	No information available
Boiling point	>100°C / >212°F (at 760 mm Hg)
Flash point	>200°F
Relative evaporation rate (butyl acetate=1)	No information available
Flammability (solid, gas)	No information available
Explosion limits	No information available
Explosive properties	No information available
Oxidizing properties	No information available
Vapor pressure	No information available
Density (lbs/gal)	8.39
Specific gravity	1.006
Log Pow	No information available
Log Kow	No information available
Auto-ignition temperature	No information available

Decomposition temperature	No information available
Viscosity	Slightly Viscous
Viscosity, kinematic	No information available
Viscosity, dynamic	No information available
VOC content (%)	0.09598
Water Solubility	Complete

10. STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	None under normal processing.
Conditions to avoid:	Extremes of temperature and direct sunlight.
Incompatible materials:	None known based on information supplied.
Hazardous decomposition products:	None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Product Information:	May be harmful by inhalation, ingestion, in contact with eyes and skin.
Inhalation:	Avoid breathing vapors or mists.
Eye contact:	Avoid contact with eyes. May cause slight irritation.
Skin contact:	Avoid contact with skin. Substance may cause slight skin irritation. Repeated exposure may cause skin dryness or cracking.
Ingestion:	Not an expected route of exposure. Do not taste or swallow.

Chemical Name (CAS)	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Dodecylbenzene Sulfonate (25155-30-0)	= 438 mg/kg (Rat) = 500 mg/kg (Rat)	-	-
Cocamide DEA (68603-42-9)	= 12400 uL/kg (Rat)	-	-

Information on toxicological effects:

Symptoms: No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Sensitization:	No information available.
Germ cell mutagenicity:	No information available.
Carcinogenicity:	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name (CAS)	ACGIH	IARC	NTP	OSHA
Cocamide DEA (68603-42-9)	-	Group 2B	-	X

IARC (International Agency for Research on Cancer)

Group 2B – Possibly Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X – Present

Reproductive Toxicity:	No information available
STOT – single exposure:	No information available
STOT – repeated exposure:	No information available
Aspiration hazard:	No information available

Numerical measures of toxicity – Product Information

Unknown Acute Toxicity: 0.29442015% of the mixture consists of ingredient(s) of unknown toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

1.27442% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name (CAS)	Algae/aquatic plants	Fish	Crustacea
Sodium Dodecylbenzene Sulfonate (25155-30-0)	-	10.8: 96 h Oncorhynchus mykiss mg/L LC50 static	-
Cocamide DEA (68603-42-9)	-	3.6: 96 h Brachydaniorerio mg/L LC50 semi-static	4.2: 24 h Daphnia magna mg/L EC50
Tetrasodium Pyrophosphate (7722-88-5)	-	1650: 48 h Leuciscusidus mg/L LC50	-
Diethanolamine (111-42-2)	7.8: 72 h Desmodesmus subspicatus mg/L EC50 2.1-2.3: 96 h Pseudokirchneriella subcapitata mg/L EC50	4460 – 4980: 96 h Pimephales promelas mg/L LC50 flow-through 1200 – 1580: 96 h Pimephales promelas mg/L LC50 static 600 – 1000: 96 h Lepomis macrochirus mg/L LC50 static	55: 48 h Daphnia magna mg/L EC50

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Other adverse effects: No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods:

Waste disposal recommendations: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging: Do not reuse container.

14. TRANSPORT INFORMATION

Department of Transportation (DOT)

Transport document description: Not regulated for transport.
UN-No.(DOT): Not regulated for transport.
Proper Shipping Name (DOT): Not regulated for transport.
Transport hazard class(es) (DOT): Not regulated for transport.
Hazard labels (DOT): Not regulated for transport.
Packing group (DOT): Not regulated for transport.
DOT Packaging Non Bulk (49 CFR 173.xxx): Not regulated for transport.
DOT Packaging Bulk (49 CFR 173.xxx): Not regulated for transport.
DOT Symbols: Not regulated for transport.
DOT Special Provisions (49 CFR 172.102): Not regulated for transport.
DOT Packaging Exceptions (49 CFR 173.xxx): Not regulated for transport.
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27): Not regulated for transport.
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75): Not regulated for transport.
DOT Vessel Stowage Location: Not regulated for transport.
DOT Vessel Stowage Other: Not regulated for transport.

Additional information:

Other information: No information available.

ADR: No information available.

Transport by sea: No information available.

Air Transport: No information available.

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL/NDSL Complies

Legend:

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations:

SARA: Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986. This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations Part 372.

SARA 311/312 Hazard Categories

Acute health hazard No
Chronic health hazard No
Fire hazard No
Sudden release of pressure hazard No
Reactive hazard No

CWA (Clean Water Act):

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name (CAS)	CWA – Reportable Quantities	CWA – Toxic Pollutants	CWA – Priority Pollutants	CWA – Hazardous Substances
Sodium Dodecylbenzene Sulfonate (25155-30-0)	1000 lb	-	-	X

CERCLA:

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical Name (CAS)	Hazardous Substances RQ's	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium Dodecylbenzene Sulfonate (25155-30-0)	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ

US State Regulations

California Proposition 65: This product contains the following Proposition 65 chemicals.

Chemical Name (CAS)	California Proposition 65
Cocamide DEA (68603-42-9)	Carcinogen
Diethanolamine (111-42-2)	Carcinogen

US State Right-to-Know Regulations:

Chemical Name (CAS)	Algae/aquatic plants	Fish	Crustacea
Sodium Dodecylbenzene Sulfonate (25155-30-0)	X	X	X
Sodium Tripolyphosphate (7758-29-4)	-	X	X
Diethanolamine (111-42-2)	X	X	X
Tetrasodium Pyrophosphate (7722-88-5)	X	X	X
Sodium Trimetaphosphate (7785-84-4)	-	X	X

US EPA Pesticide Registration Number: Not Applicable

16. OTHER INFORMATION

NFPA: Health Hazard-1 Flammability-0 Instability-0 Physical and Chemical Properties-Yes
HMIS: Health Hazard-1 Flammability-0 Physical Hazard-0 Personal Protection-B

Disclaimer

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. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendee or users assume all risks associated with the use of this material.