



ProFoam Platinum a unique blend of foaming agents offering treatment capabilities by transporting all types of products to remote areas.

Such as: wall voids, tunnels, ground voids, drains and other voids needing complete treatment of all vertical and horizontal surfaces.

PRINCIPLE FUNCTION AGENTS:

Sodium Decyl Sulfate, Sodium Lauroampho Acetate, Sodium Lauryl Sulfate	60%
Constituents ineffective as spray adjuvants	40%
Total	100%

CA REG. NO. 1051148-50001-AA WA REG. NO. 99932-05001

**CAUTION
KEEP OUT OF REACH OF CHILDREN**

DIRECTIONS:

ProFoam Platinum provides a unique blend of foaming agents for the transport of all types of products to areas such as: drains, wall voids and other areas requiring complete treatment of all vertical and horizontal surfaces. Follow all mixing instructions on chemical manufacturer's label, adding ProFoam as directed. User must complete any equipment and other calibration steps that may be required to ensure proper coverage. ProFoam rates will vary depending on chemical and equipment used. For use in food plants. Food contact surfaces are to be rinsed with potable water before reuse.

Evaluated and accepted by:
Canadian Food Inspection Agency

Not for aquatic, feed crops or food use.

EQUIPMENT INFO:

ProFoam was designed for the NPD Products Ltd. line of equipment but will also work in other foam generators. ProFoam may be metered through in-line injection devices such as venturi and proportional injectors. Each of these dispensing systems uses different technology. Contact your equipment manufacturer for detailed instructions.

MIXING GUIDELINES:

ADD FOAMING AGENT AS FOLLOWS

To Achieve Low Expansion

1 - 7 to 1

½ to 1 ½ oz. / gal.

(4 mls. to 12 mls. / liter)

To Achieve High Expansion

8 - 20 to 1

1 ½ to 9 oz. / gal.

(12 mls. to 71 mls. / liter)

Expansion rates will vary depending on water pH, temperature and product used.

CAUTION: Avoid eye and skin contact. Keep out of reach of children. In case of contact in eyes or skin, immediately flush with water for at least 15 minutes. If irritation persists get medical attention. If swallowed, **DO NOT INDUCE VOMITING. CONTACT PHYSICIAN IMMEDIATELY.**

NOTICE:

Carefully follow all directions. All information on the use of this product are believed to be reliable. Mixtures with other chemicals and equipment used are beyond the control of the manufacturer and seller. Buyer assumes all risks in use, storage and handling of this material. All use must be in strict accordance with label directions.

In no case shall the manufacturer or the seller be liable for consequential or indirect damages resulting from the use of or handling of this product. The buyer assumes all risk and accepts this as a condition of sale. No other warranty is expressed or implied.

STORAGE AND CONTAINER DISPOSAL: Store in closed areas and in original container. Use caution when moving, opening or pouring. Triple rinse (or equivalent). Dispose of in a sanitary landfill, or other procedures approved by state and local authorities. Offer for recycling where available.



ProFoam Platinum est un mélange unique d'agents moussants conçu pour transporter n'importe quel type de produit à des endroits isolés pour y appliquer un traitement.

Parmi ces endroits : vides de mur, tunnels, vides de plancher et autres vides dont les surfaces verticales et horizontales doivent recevoir un traitement complet.

PRINCIPAUX AGENTS ACTIFS :

Sodium Decyl Sulfate, Sodium Lauroampho Acetate, Sodium Lauryl Sulfate	60%
Ingrédients inefficaces en tant qu'adjuvants à vaporiser	40%
Total	100%

CA REG. NO. 1051148-50001-AA N° d'enr. de la Californie
WA REG. NO. 99932-05001 N° d'enr. de l'État de Washington

MISE EN GARDE GARDER HORS DE LA PORTÉE DES ENFANTS

MODE D'EMPLOI :

ProFoam Platinum est un mélange unique d'agents moussants conçu pour transporter tous types de produit à divers endroits notamment : les drains, les vides de mur et autres dont les surfaces verticales et horizontales doivent être traitées à fond. Suivre toutes les directives de mélange sur l'étiquette du fabricant, en ajoutant ProFoam tel qu'indiqué. L'utilisateur doit procéder à toutes les étapes d'étalonnage du matériel requises afin d'assurer une couverture adéquate. Les taux d'utilisation de ProFoam varient en fonction du produit chimique et du matériel utilisés. Pour usage dans les usines de produits alimentaires. Les surfaces à contact alimentaire doivent être rincées à l'eau potable avant d'être réutilisées.

Évalué et accepté par :

L'Agence canadienne d'inspection des aliments

Non conçu pour être employé en milieu aquatique, dans les cultures fourragères ni sur les produits alimentaires.

INFORMATION SUR LE MATÉRIEL : ProFoam a été conçu pour la gamme d'appareils Universal Soldier de NPD mais peut également être utilisé dans d'autres générateurs de mousse. ProFoam peut être dosé au moyen d'un dispositif d'injection en ligne tel qu'un injecteur venturi ou proportionnel. Puisque chacun de ces systèmes de distribution utilise une technologie différente, communiquez avec le fabricant de votre matériel pour obtenir des directives détaillées.

DIRECTIVES DE MÉLANGE :

AJOUTER L'AGENT MOUSSANT TEL QU'INDIQUÉ CI-DESSOUS :

Pour obtenir un faible taux d'expansion

1 à 7 pour 1

½ à 1 ½ oz/gal.

(4 à 12 ml/l)

Pour obtenir un taux d'expansion élevé

8 à 20 pour 1

1 ½ à 9 oz/gal.

(12 à 71 ml/l)

Le taux expansion variera en fonction du pH et de la température de l'eau et du produit utilisé.

MISE EN GARDE : Éviter tout contact avec les yeux et la peau. Garder hors de la portée des enfants. En cas de contact avec les yeux ou la peau, rincer immédiatement à grande eau pendant au moins 15 minutes. Consulter un médecin si l'irritation persiste. En cas d'ingestion, **NE PAS FAIRE VOMIR. COMMUNIQUER IMMÉDIATEMENT AVEC UN MÉDECIN.**

AVIS : Suivre attentivement toutes les directives. Tous les renseignements concernant l'utilisation de ce produit sont considérés comme étant exacts. Le fabricant et le vendeur déclinent toute responsabilité pour le mélange du produit avec d'autres produits chimiques et pour le matériel utilisé. L'acheteur assume tous les risques liés à l'utilisation, à l'entreposage et à la manipulation de ce produit. Toute utilisation du produit doit être strictement conforme aux directives de l'étiquette. En aucun cas le fabricant ni le

vendeur ne seront tenus responsables des dommages consécutifs ou indirects découlant de l'utilisation ou de la manipulation de ce produit. L'acheteur assume tous les risques et accepte cette responsabilité comme condition de vente. Aucune autre garantie expresse ou implicite n'est offerte.

ENTREPOSAGE ET ÉLIMINATION DU CONTENANT :
Conserver dans un lieu fermé et dans le contenant

d'origine. Agir avec prudence au moment de transporter le produit, d'ouvrir le contenant et de verser le produit. Rincer le contenant trois fois (ou l'équivalent). Éliminer dans un site d'enfouissement sanitaire ou selon une méthode approuvée par les autorités locales ou provinciales. Recycler là où les installations nécessaires sont disponibles.



Manufactured and Distributed by:

Nisus Corporation

100 Nisus Drive.
Rockford, TN 37853 USA
800-264-0870

FOR:

NPD

NPD Products Ltd.

NoHowe Product Development
2325 Old Second South
Midhurst, Ont. Canada L0L 1X1
705-734-0932

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SAFETY DATA SHEET



Health Emergencies: INFOTRAC® (800) 535-5053

1. PRODUCT AND COMPANY INFORMATION

Product Identity: ProFoam Platinum®

Product Use: Use a unique blend of foaming agents for the transport of all types of products to areas such as: drains, wall voids and other areas requiring complete treatment of all vertical and horizontal surfaces.

Uses Advised Against: None known.

Manufacturer: Nisus Corporation
100 Nisus Drive
Rockford, TN 37853

Telephone: Phone: (800) 264-0870
Fax: (865) 577-5825

Emergency Phone: 800-535-5053 (INFOTRAC)

SDS Date of Preparation: 03/22/2017

2. HAZARDS IDENTIFICATION

GHS Classification:

Physical	Health	Environment
Not Hazardous	Eye Irritant Category 2 (H319) Skin Irritant Category 2 (H315) Skin Sensitization Category 1 (H317)	Not Hazardous

EU Classification: Not a dangerous preparation.

GHS Label Elements:



Signal Word: Warning!

Statements of Hazard

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

Precautionary Statements

P261 Avoid breathing mists or spray.
P264 Wash hands thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves and eye protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical attention.
P302 + P352 IF ON SKIN: Wash with plenty of water.
P333 + P313 If skin irritation or rash occurs: Get medical attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents and container in accordance with local and national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	EINECS#	EU Classification (67/548/EEC)	Classification	Amount
Sodium Decyl Sulfate	142-87-0	205-568-5	F, Xn R11, R20/22, R37/38, R41	Flam. Solid Cat 1 (H228), Acute Tox. Cat 4 (H302, H332), Skin Irrit. Cat 2 (H315), Eye Dam. Cat 1 (H318), STOT SE Cat 3 (H335), Aquatic Chronic Cat 3 (H412)	<10%
Sodium Lauryl Sulfate	151-21-3 / 68585-47-7	205-788-1 / 271-557-7	F, Xn R11, R20/22, R37/38, R41	Flam. Solid Cat 2 (H228), Acute Tox. Cat 4 (H302, H332), Skin Irrit. Cat 2 (H315), Eye Dam. Cat 1 (H318), STOT SE Cat 3 (H335), Aquatic Chronic Cat 3 (H412)	<10%
Glycoside	68515-73-1	500-220-1	Xi R41	Eye Dam. Cat 1 (H318)	<3%
Sodium sulfate	7757-82-6	231-820-9	Xi R43	Skin Sens. Cat 1 (H317)	<0.5%

The exact formulation is being withheld as a trade secret.

Refer to Section 16 for the full text of the GHS and EU Classifications.

4. FIRST AID MEASURES

Description of necessary first aid measures:

Eye: Immediately flush eyes with large quantities of water for several minutes, while holding the eyelids apart. Remove contact lenses if easy to do so. Continue rinsing. Get medical attention if irritation persists.

Skin: Remove contaminated clothing and shoes. Flush thoroughly with water for several minutes. Get medical attention if irritation or rash occurs. Launder clothing before re-use.

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if you feel unwell.

Inhalation: Move victim to fresh air. Get medical attention if irritation develops.

Most important symptoms and effects both acute and delayed: Direct contact with eyes may cause moderate to severe irritation. May cause moderate skin irritation. May cause skin sensitization. Inhalation of mist or vapors may cause respiratory tract irritation.

Indication of any immediate medical attention and special treatment needed: Immediate medical attention should not be required.

5. FIRE FIGHTING MEASURES

Extinguishing media: Use media appropriate for surrounding fire.

Cool fire exposed containers and structures with water.

Special Hazards Arising from the Substance or Mixture: This product is not flammable or combustible. A solid stream of water or foam directed into hot, burning liquids can cause frothing. Burning may produce oxides of carbon, nitrogen, and sulfur, and/or low molecular weight hydrocarbons.

Advice for Fire-Fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Evacuate spill area and keep unprotected personnel away. Avoid contact with the eyes, skin and clothing. Avoid breathing mists or vapors. Wear appropriate protective clothing as described in Section 8.

Environmental Precautions: Report releases as required by local, state and federal authorities.

Methods and Material for Containment and Cleaning Up: Dike and collect liquid or absorb with an inert absorbent and place in appropriate containers for disposal.

Reference to Other Sections: Refer to Section 8 for Personal Protective Equipment and Section 13 for Disposal information

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with the eyes, skin and clothing. Avoid breathing mists or vapors. Wear protective clothing and equipment as described in Section 8. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Keep containers closed when not in use

Nonrefillable container. Do not reuse containers. Product residues in empty containers can be hazardous. Follow all SDS precautions when handling empty containers.

Conditions for Safe Storage, Including Any Incompatibilities: Store in a cool, dry, well-ventilated area away from oxidizers and other incompatible materials. Keep out of reach of children and pets. Keep containers tightly closed. Protect from physical damage. Keep in locked storage. Avoid freezing or excessive heat.

Specific end use(s): Industrial use only.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:

Chemical Name	Exposure Limits
Sodium Decyl Sulfate	None Established
Sodium Lauryl Sulfate	None Established
Glycoside	None Established
Sodium sulfate	None Established

Exposure Controls:

Appropriate Engineering Controls: Use with adequate general or local exhaust ventilation to minimize exposures levels.

Personal Protective Equipment:

Respiratory Protection: In operations where exposure levels are exceeded, an approved respirator with dust/mist cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with applicable regulations and good industrial hygiene practice. Refer to the product label for additional information.

Skin Protection: Wear impervious gloves to prevent skin contact.

Eye/Face Protection: Wear safety goggles where splashing is possible.

Other: Wear long-sleeve shirts, long pants, socks and shoes when using this product. Suitable washing facilities should be available in the work area

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Amber, viscous liquid

Odor: Distinct odor

Odor Threshold: No data available

pH: 8.3 @ 25°C (77°F)

Melting point/Freezing point: No data available.

Initial boiling point/range: No data available.

Flash Point: No data available

Evaporation Rate: No data available

Flammability (solid, gas): Not applicable.

Flammable Limits: LEL: No data available
UEL: No data available

Vapor Pressure: 3.2 kPa @ 25°C (77°F)

Vapor Density: No data available

Relative Density: No data available

Solubility (ies): 620 g/L

Octanol/Water Partition Coefficient: No data available

Autoignition Temperature: No data available

Decomposition Temperature: No data available

Viscosity: 1172 cp @ 25°C (77°F)

Explosive Properties: Not explosive.

Oxidizing Properties: Not an oxidizer.

10. STABILITY AND REACTIVITY

Reactivity: Not normally reactive.

Chemical stability: Stable under normal storage and handling conditions.

Possibility of hazardous reactions: Material is not known to polymerize.

Conditions to avoid: Exposure to strong oxidizing agents.

Incompatible materials: Avoid strong oxidizing agents, strong acids, strong bases, and reducing agents.

Hazardous decomposition products: When heated to decomposition emits oxides of carbon, nitrogen, and sulfur, and/or low molecular weight hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Information on Toxicological Effects:

Potential Health Effects:

Eye: May cause moderate to severe irritation with redness, pain and tearing.

Skin: May cause moderate skin irritation. May cause an allergic skin reaction (sensitization).

Ingestion: Ingestion may cause gastrointestinal irritation, nausea and vomiting.

Inhalation: Inhalation of mists may cause irritation of the nose, throat and upper respiratory tract.

Chronic Hazards: None known.

Acute Toxicity Values:

Product Toxicity Data:

ATE Oral: >5000 mg/kg (calculated)

ATE Inhalation: >20 mg/L

Component Toxicity Data:

Sodium Decyl Sulfate: Oral rat LD₅₀: 1200 mg/kg, Dermal rat LD₅₀: >2000 mg/kg

Sodium Lauryl Sulfate: Oral rat LD₅₀: 1200 mg/kg, Dermal rat LD₅₀: >2000 mg/kg

Glycoside: Oral rat LD₅₀: >2000 mg/kg, Dermal rabbit LD₅₀: >2000 mg/kg

Sodium sulfate: Oral rat LD₅₀: >2000 mg/kg, Inhalation rat LC₅₀: >2.4 mg/L/4hr

Irritation: Sodium Decyl Sulfate: Irritating to rabbit skin. Irritating to rabbit eyes with a 22% solution. Not irritating to rabbit eyes with a 10% solution. Sodium Lauryl Sulfate: Irritating to rabbit skin. Irritating to corrosive to rabbit eyes with a 25% solution. Glycoside: Not irritating to rabbit skin. Highly irritating to rabbit eyes. Sodium sulfate: Not irritating to rabbit skin. Slightly irritating to rabbit eyes.

Corrosivity: Sodium Decyl Sulfate and Sodium Lauryl Sulfate: Classified as corrosive to eyes with >20% solutions. Glycoside: Classified as corrosive to eyes.

Sensitization: This material may cause sensitization based on the component sodium sulfate.

Carcinogenicity: None of the components is listed as a carcinogen or suspected carcinogen by IARC, NTP, OSHA, or the EU CLP.

Germ Cell Mutagenicity: Not expected to cause germ cell mutagenicity.

Reproductive Toxicity: Not expected to cause reproductive toxicity.

Specific Target Organ Toxicity:

Single Exposure: None known.

Repeated Exposure: None known.

12. ECOLOGICAL INFORMATION

Toxicity:

Sodium Decyl Sulfate: 48 hr EC₅₀ Daphnia magna: >100 mg/L, 72 hr EC₅₀ Pseudokirchnerella subcapitata: 8.64 mg/L
Sodium Lauryl Sulfate: 96 hr LC₅₀ Cyprinodon variegatus: 4.1 mg/L, 96 hr LC₅₀ Fathead minnow: 29 mg/L

Persistence and Degradability: No data available for mixture.

Bioaccumulative Potential: No data available for mixture.

Mobility in Soil: No data available for mixture.

Results of PBT and vPvB Assessment: No data available

Other Adverse Effects: N/A

13. DISPOSAL CONSIDERATION

Waste Treatment Methods: Dispose in accordance with local, state and federal environmental regulations.

14. TRANSPORTATION INFORMATION

	UN Number	UN Proper Shipping Name	Hazard Class(s)	Packing Group	Environmental Hazards
US DOT	None	Not Regulated	None	None	N/A
Canadian TDG	None	Not Regulated	None	None	N/A
EU ADR/RID	None	Not Regulated	None	None	N/A
IMDG	None	Not Regulated	None	None	N/A
IATA/ICAO	None	Not Regulated	None	None	N/A

Special Precautions for User: N/A

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA Hazard Category (311/312): Acute Health

SARA Section 313 Toxic Chemicals: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

EPA Toxic Substances Control Act (TSCA) Status: All of the ingredients in this product are listed on the EPA TSCA Inventory.

STATE REGULATIONS:

California Proposition 65: This product does not contain chemicals known in the State of California to cause cancer and/or reproductive harm.

INTERNATIONAL REGULATIONS:

CANADIAN REGULATIONS:

Canadian Workplace Hazardous Materials Information System (WHMIS): Class D Division 2B (Toxic material causing other toxic effects)

Canadian Environmental Protection Act: This product contains one or several components listed on the Non-Domestic Substances list (NDSL).

This SDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the SDS contains all of the information required by the CPR.

EUROPEAN REGULATIONS:

REACH: Nisus Corp. products comply with REACH regulation as applicable. For more information, contact Nisus Corporation.

SVHC: This product contains the following Substances of Very High Concern (SVHCs): None

Chemical Safety Assessment: None required.

16. OTHER INFORMATION

NFPA Rating: Health = 2 Flammability = 0 Instability = 0
HMIS Rating: Health = 2 Flammability = 0 Physical Hazard = 0

SDS Revision History: 3/4/15: New SDS
03/22/17: Revised

GHS Classification for Reference (See Sections 2 and 3):

Acute Tox. Cat 4 Acute Toxicity Category 4
Aquatic Chronic Cat 3 Aquatic Chronic Toxicity Category 3
Eye Dam. Cat 1 Eye Damage Category 1
Flam. Solid Cat 1 Flammable Solid Category 1
Flam. Solid Cat 2 Flammable Solid Category 2
Skin Irrit. Cat 2 Skin Irritant Category 2
Skin Sens. Cat 1 Skin Sensitization Category 1
STOT SE Cat 3 Specific Target Organ Toxicity Single Exposure Category 3
H228 Flammable solid
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.

EU Classes and Risk Phrases for Reference

(See Sections 2 and 3):

F Highly Flammable Xi Irritant Xn Harmful
R11 Highly Flammable
R20/22 Harmful by inhalation and if swallowed.
R37/38 Irritating to respiratory system and skin.
R41 Risk of serious damage to eyes.
R43 May cause sensitization by skin contact.

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2. Replacement of amount of product used.

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