SECTION 1 – IDENTIFICATION

Name, Address, and Telephone of the Responsible Party

Dyno Nobel Inc.

6440 S. Millrock Drive, Suite 150

Salt Lake City, Utah 84121

Phone: 801-364-4800 Fax 801-321-6703

E-Mail: dnna.hse@am.dynonobel.com www.dynonobel.com

Product Identifier Product Form: Mixture Product Name: Bulk Emulsion

Other Means of Identification

Synonyms:

DYNO GOLD® TITAN® 2000 DYNO GOLD® LITE TITAN® 2000 G **EXTRAMITE 1000** TITAN® PB 1000 RUG-1 (Canada Only) TITAN® PB 2000 TITAN® 1000 TITAN® PB 2000 HF TITAN® 1000 GREEN TITAN® SME 1000

TITAN® 1000 G TITAN® SME 1000 GREEN

TITAN® 1000 G GREEN TITAN® SME 2000 TITAN® XL 1000 TITAN® 5000 TITAN® XL 1000 GREEN TITAN® 5000 G TITAN[®] 1000 ΔE TITAN® XL 5000 SMS 1116, 1116A, 1126P, 1136P, 1146P TITAN® 5000 ΔE

DX5037 TITAN® 7000 G TITAN® HD TITAN® 7000 SX G

Intended Use of the Product

Industrial blasting applications as emulsion explosive precursor

Emergency Telephone Number

FOR 24 HOUR EMERGENCY, CALL CHEMTREC (USA) 800-424-9300 CANUTEC (CANADA) 613-996-6666

SECTION 2 – HAZARD(S) IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

Ox. Liq. 2 H272 Acute Tox. 4 (Oral) H302 Skin Irrit. 2 H315 Carc. 2 H351 STOT RE 2 H373 H304 Asp. Tox. 1 Eye Irrit. 2B H320

Label Elements GHS-US Labeling

Hazard Pictograms (GHS-US)







Signal Word (GHS-US)

: Danger

SDS# 1052 Date: 10/25/2022



Page 1 of 10

SDS #: 1052 **Date:** 10/25/2022

Supersedes: 07/20/2020

Hazard Statements (GHS-US) : H272 - May intensify fire; oxidizer

H302 - Harmful if swallowed

H304 – May be fatal if swallowed and enters airways

H315 - Causes skin irritation H320 – Causes eye irritation

H351 - Suspected of causing cancer

H373 - May cause damage to organs through prolonged or repeated

exposure

Precautionary Statements (GHS-US)

: P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and

understood

P210 - Keep away from heat, hot surfaces, open flames, sparks. - No

smoking

P220 - Keep/Store away from clothing, combustible materials, combustibles

P221 - Take any precaution to avoid mixing with combustible materials,

clothing, combustibles

P233 - Keep container tightly closed

P260 - Do not breathe dust, fume, mist, spray, vapors

P264 - Wash exposed areas thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P273 - Avoid release to the environment

P280 - Wear protective gloves/protective clothing/eye protection/face

protection

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or

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

P308+P313 - If exposed or concerned: Get medical advice/attention

P332+P313 - If skin irritation occurs: Get medical advice/attention

P362 - Take off contaminated clothing and wash before reuse

P370+P378 - In case of fire: Use appropriate media to extinguish

P403+P235 - Store in a well-ventilated place. Keep cool

P405 - Store locked up

P501 - Dispose of contents/container according to local, regional, national,

and international regulations

Other Hazards

SDS# 1052 Date: 10/25/2022

Hazards Not Otherwise Classified (HNOC): Not available

Other Hazards: Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS Mixture Ingredient Classification (GHS-Product identifier Name % (w/w) US) (CAS No) 6484-52-2 45 - 80 Ox. Sol. 3, H272 Ammonium nitrate Eye Irrit. 2A, H319 (CAS No) 10124-37-5 Calcium nitrate 0.1 - 35Ox. Sol. 3, H272 Acute Tox. 4 (Oral), H302

DYNO Dyno Nobel Page 2 of 10

			Eye Dam. 1, H318
Sodium nitrate	(CAS No) 7631-99-4	0.1 - 18	Ox. Sol. 3, H272
			Acute Tox. 4 (Oral), H302
			Eye Irrit. 2A, H319
*Fuels, diesel, no. 2	(CAS No) 68476-34-6	0.1 - 10	Flam. Liq. 4, H227
			Acute Tox. 4 (Inhalation), H332
			Skin Irrit. 2, H315
			Carc. 2, H351
			STOT RE 2, H373
			Asp. Tox. 1, H304
Distillates, petroleum, chemically neutralized light naphthenic	(CAS No) 64742-35-4	0.1 - 6	Asp. Tox. 1, H304

^{*} This ingredient is not used in GREEN-named products.

Ingredients, other than those mentioned above, as used in this product are not hazardous as defined under current Department of Labor regulations or are present in deminimus concentrations (less than 0.1% for carcinogens, less than 1.0% for other hazardous materials).

Full text of H-phrases: see section 16

SECTION 4 - FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything orally to an unconscious person. If you feel unwell, seek medical advice (provide this Safety Data Sheet to medical personnel).

Inhalation: If symptoms occur, go into fresh air and ventilate suspected area. Seek medical attention.

Skin Contact: Remove contaminated clothing. Wash with soap and water followed by rinsing with water. Seek medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing for at least 15 minutes. Obtain medical attention if irritation develops or persists.

Ingestion: Rinse mouth. Do NOT induce vomiting. Seek medical attention immediately.

Most Important Symptoms and Effects Both Acute and Delayed

General: May be harmful if swallowed. May cause eye or skin irritation.

Inhalation: May cause respiratory irritation.
Skin Contact: May cause skin irritation.
Eye Contact: May cause eye irritation.
Ingestion: Likely to be harmful if swallowed.

Chronic Symptoms: Contains an ingredient which may cause cancer. Causes damage to organs through prolonged or

repeated exposure.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If symptoms occur, seek medical attention.

SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Do not attempt to fight fires involving explosive materials or emulsion explosive precursors. Evacuate all personnel to a predetermined safe location, no less than 1/2 mile (800 meters) in all directions.

Unusual Fire and Explosion Hazards: May explode or detonate under fire conditions. Burning material may produce toxic vapors.

Unsuitable Extinguishing Media: Not available

Special Hazards Arising from the Substance or Mixture

In large, intense fires the emulsion can behave more like an explosive and detonate from confinement or strong shocks. Evacuation of at least 1 mile is recommended if a largeamount of emulsion is involved in a large fire.

SDS# 1052 Date: 10/25/2022 Page 3 of 10



Fire Hazard: May intensify fire; oxidizer. Will burn if exposed to heat, and in addition, will accelerate the burning of other combustibles, resulting in more rapid spread of fire.

Explosion Hazard: Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. May explode when subjected to fire, supersonic shock or high-energy projectile impact, especially when confined or in large quantities.

Reactivity: May cause or intensify fire; oxidizer. May accelerate the burning of other combustible materials.

Advice for Firefighters

Precautionary Measures Fire: DO NOT ATTEMPT TO FIGHT FIRES INVOLVING EXPLOSIVE MATERIALS. Evacuate all personnel to a predetermined safe location, no less than 1/2 mile (800 meters) in all directions. Can explode or detonate under fire conditions. Burning material may produce toxic vapors.

Firefighting Instructions: DO NOT ATTEMPT TO FIGHT FIRE. Immediately evacuate all personnel from the area to a safe distance. Guard against re-entry. Thermal decomposition can lead to release of irritating gases and vapors.

Protection During Firefighting: When controlling fire before involvement of explosives or explosive precursors, firefighters should wear positive pressure self-containing breathing apparatus (SCBA) and full turnout gear.

Hazardous Combustion Products: Nitrogen oxides. Carbon oxides (CO, CO₂). Ammonia.

Other information: Do not attempt to fight fires involving explosive materials or emulsion explosive precursors. Evacuate all personnel to a predetermined safe location, no less than 1/2 mile (800 meters) in all directions.

Reference to Other Sections: Refer to section 9 for flammability properties.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid all contact with skin, eyes, or clothing. Avoid breathing dust, mist, or spray. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Eliminate every possible source of ignition. Evacuate danger area.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes as necessary to prevent migration and entry into sewers or streams. Do not take up in combustible material such as: saw dust or cellulosic material.

Methods for Cleaning Up: Collect spillage for possible reuse. Clean up spills immediately and dispose of waste in accordance with appropriate state, federal and local regulations.

Reference to Other Sections

SDS# 1052 Date: 10/25/2022

See heading 8, Exposure Controls and Personal Protection

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling

It is recommended that users of explosives material be familiar with the Institute of Makers of Explosives Safety Library publications.

Additional Hazards When Processed: When heated to decomposition, emits toxic fumes. Do not puncture or incinerate containers.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

Conditions for Safe Storage, Including Any Incompatibilities



Page 4 of 10

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep /store away from combustible materials, extremely high or low temperatures, direct sunlight, ignition sources, incompatible

Incompatible Materials: Corrosives, strong acids, strong bases and alkalis.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Occupational Exposure Limits

Ingredients:	Product identifier:	ACGIH TLV-TWA	OSHA PEL-TWA
Ammonium nitrate	(CAS No) 6484-52-2	None	None
Sodium nitrate	(CAS No) 7631-99-4	None	None
Calcium nitrate	(CAS No) 10124-37-5	None	None
Methylamine nitrate	(CAS No) 22113-87-7	None	None
Fuels, diesel, no. 2	(CAS No) 68476-34-6	100 ppm	None
Distillates, petroleum, chemically neutralized light naphthenic	(CAS No) 64742-35-4	5 mg/m ³ (mist)	None

Exposure Controls

Under normal conditions of use, over-exposure is not expected to occur.

Appropriate Engineering Controls: Ensure all national/local regulations are observed. Ensure adequate ventilation, especially in confined areas. Keep containers tightly sealed.

Personal Protective Equipment: Protective goggles. Gloves. Protective clothing.







Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles or face shield. Skin and Body Protection: Not available.

Respiratory Protection: Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of vapor or mist are expected to exceed exposure limits. Under normal conditions of use and handling there is minimal

likelihood for the this exposure limit to be reached.

Other Information: When using or handling, do not eat, drink or smoke.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State Liquid

Appearance Translucent to opaque viscous liquid.

Odor Fuel

Odor Threshold Not available На Not available

Relative Evaporation Rate (butylacetate=1)

Melting Point : Not available **Freezing Point** : Not available **Boiling Point** Not available **Flash Point** Not available

SDS# 1052 Date: 10/25/2022 Page 5 of 10



Auto-ignition Temperature Not available **Decomposition Temperature** Not available Flammability (solid, gas) Not available **Lower Flammable Limit** Not available **Upper Flammable Limit** : Not available **Vapor Pressure** Not available Relative Vapor Density at 20 °C : Not available **Relative Density** : Not available **Specific Gravity** : 0.8 - 1.5 a/cc

Solubility : Water: Nitrate salts are completely soluble, but emulsion dissolution is

very slow.

Partition coefficient: n-octanol/water : Not available Viscosity : Not available

Explosion Data – Sensitivity to Mechanical

Impact

: Not sensitive to static discharge. Explosion Data – Sensitivity to Static

Discharge

Not sensitive to mechanical impact. May be sensitive to supersonic

explosively driven projectile impacts.

SECTION 10 - STABILITY AND REACTIVITY

May cause or intensify fire. May accelerate the burning of other combustible materials.

Chemical Stability: May intensify fire. May explode when subjected to fire, supersonic shock or high-energy projectile impact, especially when confined or in large quantities.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Direct sunlight. Extremely high temperatures. Heat. Sparks. Overheating. Open flame.

Combustible materials. Sources of ignition. Incompatible materials.

Incompatible Materials: Corrosives, strong acids, strong bases and alkalis.

Hazardous Decomposition Products: Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Nitrogen oxides. Toxic vapors. Ammonia. Carbon monoxide.

SECTION 11 - TOXICOLOGICAL INFORMATION

Under normal conditions of use, over-exposure is not expected to occur. Minor skin exposure is most likely.

Information on Toxicological Effects - Product

Acute Toxicity: Harmful if swallowed.

LD50 and LC50 Data: ATE Oral 1,510 (mg/kg) Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: May cause eye irritation Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Teratogenicity: Not available

Carcinogenicity: Contains a substance which has been shown to cause cancer in laboratory animals. IARC Group 2A

Probably carcinogenic to humans.

Specific Target Organ Toxicity (Repeated Exposure): May cause damage to organs through prolonged or repeated

exposure.

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified **Aspiration Hazard:** May be fatal if swallowed and enters airways.

SDS# 1052 Date: 10/25/2022 Page 6 of 10



Symptoms/Injuries After Inhalation: May cause respiratory irritation. Symptoms/Injuries After Skin Contact: May cause skin irritation. Symptoms/Injuries After Eye Contact: May cause eye irritation.

Symptoms/Injuries After Ingestion: May be harmful if swallowed. May be harmful if swallowed and enters airways.

Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.

Chronic Symptoms: May cause cancer. May cause damage to organs through prolonged or repeated exposure.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Ammonium nitrate (6484-52-2)			
LD50 Oral Rat	2217 mg/kg (REACH dossier 2950 mg/kg)		
LC50 Inhalation Rat	> 88.8 mg/l/4h		
ATE CLP (oral)	2217.000 mg/kg body weight		
Sodium nitrate (7631-99-4)			
LD50 Oral Rat	1267 mg/kg (REACH dossier 3430 mg/kg)		
ATE CLP (oral)	1267.000 mg/kg body weight		
Fuels, diesel, no. 2 (68476-34-6)			
ATE CLP (vapors)	11.000 mg/l/4h		
Distillates, petroleum, chemically neutralized light naphthenic (64742-35-4)			
LD50 Oral Rat	> 5000 mg/kg		
LD50 Dermal Rabbit	> 2000 mg/kg		
	·		

SECTION 12: ECOLOGICAL INFORMATION			
Toxicity Harmful to aquatic life with long lasting effects.			
	Ammonium nitrate (6484-52-2)		
LC50 Fish 1	50 Fish 1 95-102 mg/l (Exposure time: 48 h - Cyprinus carpio (Common carp))		
EC 50 Aquatic Invertebrates	Aquatic Invertebrates 490 mg/l (Exposure time 48 h - Daphnia magna)		
Sodium nitrate (7631-99-4)			
LC50 Fish 1	2000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])		
LC 50 Fish 2	994.4 - 1107 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])		
Fuels, diesel, no. 2 (68476-34-6)			
LC50 Fish 1	35 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])		
Calcium nitrate (10124-37-5)			
LC50 Fish 1	10000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])		
Persistence and Degradability			
Bulk Emulsion			
Persistence and Degradability	rsistence and Degradability Not established.		
Sodium nitrate (7631-99-4)			
ersistence and Degradability Readily biodegradable in water.			
Bioaccumulative Potential			
Bulk Emulsion			
Bioaccumulative Potential Not established.			
Ammonium nitrate (6484-52-2)			
BCF fish 1	(no bioaccumulation expected)		
og Pow -3.1 (at 25 °C)			

SDS# 1052 Date: 10/25/2022

DYNO

Dyno Nobel

Page 7 of 10

Sodium nitrate (7631-99-4)	
Log Pow	-3.8 (at 25 °C)
Bioaccumulative Potential	Not expected to bioaccumulate.

Mobility in Soil Not available

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Treatment Methods: Contact manufacturer for advice on proper disposal methods.

Waste Disposal Recommendations: Collect spillage for possible reuse. Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Additional Information: Clean up even minor leaks or spills if possible without unnecessary risk.

SECTION 14 - TRANSPORT INFORMATION

14.1 In Accordance with DOT

Proper Shipping Name : AMMONIUM NITRATE EMULSION

Hazard Class : 5.1
Identification Number : UN3375
Label Codes : 5.1
Packing Group : II

Packing Group : II ERG Number : 140

14.2 In Accordance with IMDG

Proper Shipping Name : AMMONIUM NITRATE EMULSION

Hazard Class : 5.1
Identification Number : UN3375
Packing Group : II
Label Codes : 5.1
EmS-No (Fire) : F-H

Label Codes : 5.1 EmS-No. (Fire) : F-H EmS-No. (Spillage) : S-Q



14.3 In Accordance with IATA

Proper Shipping Name : AMMONIUM NITRATE EMULSION

Identification Number : UN3375

Hazard Class : 5 Label Codes : 5.1 ERG Code (IATA) : 5L



14.4 In Accordance with TDG

No UN number exists for blasting intermediates for Transport Canada (use the following for Canadian shipments)

Proper Shipping Name : EXPLOSIVE, BLASTING, TYPE E

Packing Group: IIHazard Class: 1.5DIdentification Number: UN0332Label Codes: 1.5D



SECTION 15 - REGULATORY INFORMATION

US Federal Regulations

SDS# 1052 Date: 10/25/2022 Page 8 of 10



Bulk Emulsion

SARA Section 311/312 Hazard Classes

SANA Section 31 1/312 Hazard Glasses	ininediate (acute) neath nazard	
	Reactive hazard	
	Delayed (chronic) health hazard	
	Fire hazard	
Ammonium nitrate (6484-52-2)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Sodium nitrate (7631-99-4)		
Listed on the United States TSCA (Toxic Substance	es Control Act) inventory	
Fuels, diesel, no. 2 (68476-34-6)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Calcium nitrate (10124-37-5)		
Listed on the United States TSCA (Toxic Substance	es Control Act) inventory	
Distillates, petroleum, chemically neutralized light naphthenic (64742-35-4)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
US State Regulations		
Ammonium nitrate (6484-52-2)		
U.S. – California – Air Toxics "Hot Spots" (A-I)		
U.S Massachusetts - Right To Know List		
U.S New Jersey - Right to Know Hazardous Subst		
U.S Pennsylvania - RTK (Right to Know) - Environ	nmental Hazard List	
U.S Pennsylvania - RTK (Right to Know) List		

Immediate (acute) health hazard

Sodium nitrate (7631-99-4)

- U.S. Massachusetts Right To Know List
- U.S. Pennsylvania RTK (Right to Know) List

U.S. – Rhode Island – RTK (Right to Know) List

U.S. - Rhode Island - RTK (Right to Know) List

Fuels, diesel, no. 2 (68476-34-6)

U.S. - New Jersey - Right to Know Hazardous Substance List

Calcium nitrate (10124-37-5)

U.S. - New Jersey - Right to Know Hazardous Substance List

Canadian Regulations

Bulk Emulsion

WHMIS Classification

Note: Explosives are not regulated under WHMIS. They are subject to the regulations of the Explosives Act of Canada.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION			
F	Revision date	: 10/25/2022	
C	Other Information	: This document has/ been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.	
GHS Full Text Phrases:			
	Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4	
	Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4	
	Asp. Tox. 1	Aspiration hazard Category 1	

SDS# 1052 Date: 10/25/2022 Page 9 of 10



Carc. 2	Carcinogenicity Category 2
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 3	Flammable liquids Category 3
Ox. Liq. 2	Oxidizing liquids Category 2
Ox. Sol. 3	Oxidizing solids Category 3
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
H205	May mass explode in fire
H227	Combustible liquid
H272	May intensify fire; oxidizer
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
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure
H373	May cause damage to organs (Thymus, Liver, bone marrow) through prolonged or
	repeated exposure

Party Responsible for the Preparation of This Document

Dyno Nobel Inc.

6440 S. Millrock Drive, Suite 150 Salt Lake City, Utah 84121

Phone: 801-364-4800

SDS# 1052 Date: 10/25/2022

Disclaimer

Dyno Nobel Inc. and its subsidiaries disclaim any warranties with respect to this product, the safety or suitability thereof, the information contained herein, or the results to be obtained, whether express or implied, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND/OR OTHER WARRANTY. The information contained herein is provided for reference purposes only and is intended only for persons having relevant technical skills. Because conditions and manner of use are outside of our control, the user is responsible for determining the conditions of safe use of the product. Buyers and users assume all risk, responsibility and liability whatsoever from any and all injuries (including death), losses, or damages to persons or property arising from the use of this product or information. Under no circumstances shall either Dyno Nobel Inc. or any of its subsidiaries be liable for special, consequential or incidental damages or for anticipated loss of profits.

Dyno Nobel SDS

