

SAFETY DATA SHEET (SDS)

Carcinogenicity (category 2)

Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)



Warning

H351 Suspected of causing cancer.

P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear gloves/protective clothing/eye protection/face protection. P308 + P313 IF exposed or concerned: Get medical attention. P405 Store locked up. P501

Dispose of contents/container into safe container in accordance with local, regional or national regulations.							
Other hazards k	nown	None					
Section 3. Composition/information on ingredients							
Chemical name (common name/synonyms)			C	AS number or other	Concentration (%)		
Titanium dioxide				13463-67-7	< 20		
* Statement - This safety data sheet provides concentration range(s) instead of the actual concentration(s) considered trade secret(s).							
Section 4. First-aid measures							
Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.						
Ingestion	IF SWALLOWED: Immediately call a doctor. DO NOT INDUCE VOMITING. NEVER give anything by mouth if victim is						
	rapidly lo	sing consciousness, or is unc	onscious or	convulsing. Rinse mouth thorou	ghly with water. Have victim drink two		
	glasses of water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration.						
Skin contact	IF ON SKIN: wash with plenty of water.						
Eye contact	IF IN EYES, Rinse cautiously with water for several minutes.						
Most important symptoms and effects (acute or delayed))	None			
Indication of immediate medical attention/special treatment			nent	In all cases, call a doctor. Do not forget this document.			
Section 5. Fire-fighting measures							
Specific hazards of the hazardous product (hazardous combustion products)							
Carbon oxides and other irritant/toxic gases and fumes.							

Suitable and unsuitable extinguishing media

In case of fire: Use carbon dioxide, chemical powder agent and appropriate foam to extinguish surrounding products.

Special protective equipment and precautions for fire-fighters

During a fire, irritating/toxic smoke and fumes may be generated. Do not enter fire area without proper protection. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece. Shield personnel to protect from venting, rupturing or bursting cans. Move containers from fire area if it can be done without risk. Water spray may be useful in cooling equipment and cans exposed to heat and flame.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8).

Methods and materials for containment and cleaning up

Ventilate area of release. Stop the leak if it can be done safely. Contain and absorb any spilled liquid concentrate with inert absorbent material, then place material into a container for later disposal (see Section 13). Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required.



Section 7. Handling and storage

Precautions for safe handling

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

Before handling, it is very important that engineering controls are operating, and that protective equipment requirements and personal hygiene measures are being followed. People working with this chemical should be properly trained regarding its hazards and its safe use. Inspect containers for leaks before handling. Label containers appropriately. Ensure proper ventilation. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. Avoid generating high concentrations of dusts, vapours or mists. Keep away from incompatible materials (Section 10). Keep containers closed when not in use. Empty containers are always dangerous. Refer also to Section 8.

Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Store away from incompatible materials (Section 10). Inspect all incoming containers to make sure they are properly labelled and not damaged. Storage area should be clearly identified, clear of obstruction and accessible only to trained personnel. Inspect periodically for damage or leaks.

Section 8. Exposure controls/Personal protection

Control parameters (biological limit values or exposure limit values and source of those values)

Exposure limits: CAS 13463-67-7 ACGIH – TLV-TWA 10 mg/m 3 & PEL-TWA 10 mg/m 3 ; DUST ACGIH – TLV-TWA 1 mg/m 3 & PEL-TWA 5 mg/m 3 (respirable fraction) & 15 mg/m 3 (total dust);

Appropriate engineering controls

Use under well-ventilated conditions. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits. Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Individual protection measures/personal protective equipment

Respiratory protection is required if the concentrations are higher than the exposure limits. Use a NIOSH approved respirators if the exposure limits are unknown. Chemically protective gloves (impervious), and other protective clothing to prevent prolonged or repeated skin contact, must be worn during all handling operations. Wear protective chemical splash goggles to prevent mists from entering the eyes. Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use.

Section 9. Physical and chemical properties						
Appearance, physical state/colour Liquid	Vapour pressure Not available					
Odour Characteristic	Vapour density Not available					
Odour threshold Not available	Relative density 1.18					
pH Not available	Solubility Not available					
Melting/freezing point Not available	Partition coefficient - n-octanol/water Not available					
Initial boiling point/range Not available	Auto-ignition temperature Not available					
Flash point Not available	Decomposition temperature Not available					
Evaporation rate Not available	Viscosity 1100 cPs @ 25°C					
Flammability (solids and gases) Not available	Not available					
Upper and lower flammability/explosive limits Not available	Other None known					
Coation 10. Stability and positivity						

Section 10. Stability and reactivity

Reactivity

Does not react under the recommended storage and handling conditions prescribed.

Chemical stability

Stable under the recommended storage and handling conditions prescribed.

Possibility of hazardous reactions

None known

Conditions to avoid (static discharge, shock or vibration)

None known

Incompatible materials

Oxidizing materials; etc.

Hazardous decomposition products

None known



Section 11. Toxicological information

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)

Suspected of causing cancer.

Symptoms related to the physical, chemical and toxicological characteristics

None known

Delayed and immediate effects (chronic effects from short-term and long-term exposure)

Skin Sensitization – No data available; Respiratory Sensitization – No data available; Germ Cell Mutagenicity – No data available; Carcinogenicity – Ingredient listed by IARC, ACGIH, NTP or OSHA; Reproductive Toxicity – No data available; Specific Target Organ Toxicity — Single Exposure – No data available; Specific Target Organ Toxicity — Repeated Exposure – No data available; Aspiration Hazard – No data available; Health

Hazards Not Otherwise Classified - No data available.

Numerical measures of toxicity (ATE; LD₅₀ & LC₅₀)

None

ATE not available in this document.

Section 12. Ecological information

Ecotoxicity (aquatic and terrestrial information) No data available for the product.

Persistence and degradability No data available

Bioaccumulative potential No data available

Mobility in soil No data available

Other adverse effects No data available

Section 13. Disposal considerations

Information on safe handling for disposal/methods of disposal/contaminated packaging

Dispose of contents/container into safe container in accordance with local, regional or national regulations.

Section 14. Transport information

UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations

NOT REGULATED

UN number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime)

NOT REGULATED

UN number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air)

NOT REGULATED

Special precautions (transport/conveyance) None

Environmental hazards (IMDG or other) None

Bulk transport (usually more than 450 L in capacity) Possible

Section 15. Regulatory information

Safety/health Canadian regulations specifics Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).

Environmental Canadian regulations specifics | Refer to Section 3 for ingredient(s) of the DSL

Safety/health/environmental outside regulations specifics

United States OSHA information: This product is regulated according to OSHA (29 CFR).

United States EPA (Environmental Protection Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14. United States TCSA information: Refer to the ingredients listed in Section 3.

California Proposition 65: **WARNING** This product contains Titanium dioxide (CAS 13463-67-7) known to the State of California to cause cancer or other reproductive harm.



Section 16. Other information					
Date of the latest revision of the safety data sheet September 29, 2020 version 1 (NSS ENTREPRISE INC.)					
References	Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS.				
Abbreviations					
ACGIH	American Conference of Governmental Industrial Hygienists				
ATE	Acute toxicity estimate				
CAS	Chemical Abstract Service				
DSL	Domestic Substance List				
IARC	International Agency for Research on Cancer				
IATA	International Air Transport Association				
IMDG	International Maritime Dangerous Goods Code				
LC	Lethal concentration				
LD	Lethal Dosage				
NIOSH	National Institute for Occupational Safety and Health				
NTP	National Toxicology Program (U.S.A.)				
OSHA	Occupational Safety and Health Administration (U.S.A.)				
PEL	Permissible Exposure Limit				
STEL	Short-term Exposure Limit				
TDG	Transport of dangerous goods in Canada				
TLV	Threshold Limit Value				
TSCA	Toxic Substances Control Act				
TWA	Time Weighted Average				
WHMIS	Workplace Hazardous Materials Information System				

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.