



Prepared to U.S. OSHA, Canadian WHMIS, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Union Reach Regulations

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: NB5-2628
CHEMICAL FAMILY NAME: W/O Emulsifier
PRODUCT DESCRIPTION: Polymeric Emulsifier
U.N. NUMBER: None
U.N. DANGEROUS GOODS CLASS: Non-Regulated Material
SUPPLIER/MANUFACTURER'S NAME: Nelson Brothers, LLC
ADDRESS: 820 Shades Creek Parkway, Suite 2000, Birmingham, AL 35209 USA
EMERGENCY PHONE: TOLL-FREE in USA/Canada 1-800-424-9300 Chemtrec
BUSINESS PHONE: 1-800-972-2684 (Product Information)
DATE OF PREPARATION: March 19, 2020
DATE OF LAST REVISION: October 25, 2021

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Product Description: This product is an amber colored liquid with a characteristic odor.
Health Hazards: Harmful if swallowed. May cause skin and/or respiratory irritation.
Flammability Hazards: This product is Flammable above its flash point of >248°F (>120°C)
Reactivity Hazards: None known.
Environmental Hazards: Release of this product may cause adverse effects in the environment.
Emergency Considerations: Emergency responders must wear the proper personal protective equipment (and have appropriate fire-suppression equipment) suitable for the situation to which they are responding.

US DOT SYMBOLS

Non-Regulated
Material

CANADA (WHMIS) SYMBOLS

Complies with WHMIS
2015

EUROPEAN and (GHS) HAZARD SYMBOLS



SIGNAL WORD: Warning!

GHS CLASSIFICATION OF SUBSTANCE OR MIXTURE IN ACCORDANCE WITH 29 CFR 1200 (OSHA HCS) AND THE EUROPEAN UNION DIRECTIVES:

This product does meet the definition of a hazardous substance or preparation as defined by 29 CFR 1910. 1200 AND the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

Classification of the substance or mixture according to Regulation (EC) No1272/2008 Annex VI

CAS# 2408735-58-8 is not Listed in ESIS

EC# 232-274-4 is not classified in Annex VI

COMPONENTS DETERMINING HAZARD(S):

All Ingredients

GHS HAZARD CLASSIFICATION(S):

Acute Oral Toxicity Category 4

Skin Irritant Category 2

STOT SE Category 3

HAZARD STATEMENT(S):

H335: May cause respiratory irritation

H302: Harmful if swallowed

H315: Causes skin irritation

RESPONSE STATEMENT(S):

P301+P312: IF SWALLOWED: Immediately call a Poison Center/doctor

P331: Do NOT induce vomiting.

PREVENTION STATEMENT(S):

P260: Do not breath dust/fume/gas/mist/vapors/spray

P264: Wash hands thoroughly after handling

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

P271: Use only in well ventilated area.



SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Explosion Sensitivity to Mechanical Impact:
Explosion Sensitivity to Static Discharge:

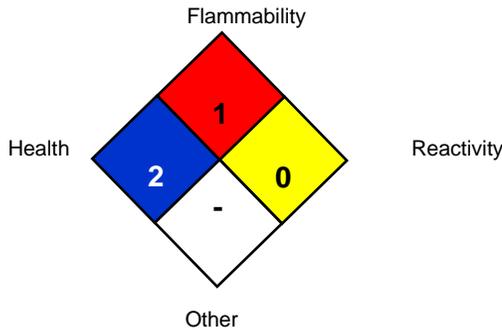
This product is flammable above flash point indicated above. Containers can build up pressure if exposed to heat
Not Sensitive.

Not Sensitive

SPECIAL FIRE-FIGHTING PROCEDURES:

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

NFPA RATING SYSTEM



HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)	2		
FLAMMABILITY HAZARD (RED)	1		
PHYSICAL HAZARD (YELLOW)	0		
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Personnel should be trained for spill response operations. No action shall be taken involving any personal risk or without suitable training, Avoid breathing vapor or mist. Provide adequate ventilation. Use personal protective clothing as described in section 8. See section 11 for additional information on health hazards.

ENVIRONMENTAL PRECAUTIONS:

Do not allow product to enter drains, sewers or ground water.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEAN UP:

Contain spill if safe to do so. Prevent entry into drains, sewers, and other waterways. Soak up with a non-combustible absorbent material and place in an appropriate container for disposal. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations). For spills on water, contain, minimize dispersion and collect. Dispose of recovered material and report spill per regulatory requirements.

U.S. Regulations (CERCLA) requires reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations).



SECTION 7 - HANDLING and STORAGE

PRECAUTIONS FOR SAFE HANDLING:

As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing vapors/mists generated by this product. Use in a well-ventilated location.

CONDITIONS FOR SAFE STORAGE:

Store containers in a cool, dry location, away from direct sunlight, sources of intense heat. Store containers away from incompatible chemicals (see Section 10, Stability and Reactivity). Keep containers closed when not in use.

SPECIFIC END USES:

This product mixture has been developed for specific applications.

SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS/GUIDELINES:

Chemical Name	CAS#	ACGIH TWA	OSHA TWA	WEEL
Reacted Mixture	2408735-58-8	5 mg/m ³ Oil Mists	5 mg/m ³ Oil Mists	5 mg/m ³ Oil Mists
Soybean Oil	8001-22-7	Not Listed	Not Listed	Not Listed

Currently, International exposure limits are not established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above. Use local exhaust ventilation to control airborne vapor. Ensure eyewash/safety shower stations are available near areas where this product is used.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

EYE PROTECTION: Safety glasses or chemical goggles as appropriate to prevent eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.

HAND PROTECTION: Use impervious gloves to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE (Physical State) and COLOR:

Amber colored liquid

ODOR:

Characteristic odor

ODOR THRESHOLD:

Mild

pH:

Not Available

MELTING/FREEZING POINT:

Not Available

BOILING POINT:

Not Available

FLASH POINT:

>248°F (>120°C)

EVAPORATION RATE (n-BuAc=1):

Not Available

FLAMMABILITY (SOLID, GAS):

Not Applicable



UPPER/LOWER FLAMMABILITY OR EXPLOSION LIMITS:	Not Available
VAPOR PRESSURE (mm Hg @ 20°C (68°F):	Not Available
VAPOR DENSITY:	Not Available
RELATIVE DENSITY:	Not Available
SPECIFIC GRAVITY:	0.935 g/cc
SOLUBILITY IN WATER:	Not Available
WEIGHT PER GALLON:	Not Available
PARTITION COEFFICIENT (n-octanol/water):	Not Available
AUTO-IGNITION TEMPERATURE:	Not Available
DECOMPOSITION TEMPERATURE:	Not Available
VISCOSITY:	160 cSt at 40°C
VOC:	Not Available

OTHER INFORMATION:

No additional information available at this time.

SECTION 10 - STABILITY and REACTIVITY

REACTIVITY: Product will react to incompatible materials

STABILITY: Product is stable

DECOMPOSITION PRODUCTS: When heated to decomposition this product produces carbon dioxide and carbon monoxide.

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: Oxidizing agents and acids.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Contact with incompatible materials.

SECTION 11 - TOXICOLOGICAL INFORMATION

TOXICITY DATA:

Chemical Name	CAS#	Oral LD50	Dermal LD50	Inhalation LC50
Reacted Mixture	2408735-58-8	No Data Available	No Data Available	No Data Available
Soybean Oil	8001-22-7	No Data Available	No Data Available	No Data Available

Acute Toxicity	Acute Toxicity Category 4 (Oral)
Skin Corrosion / Irritation	Skin Irritant Category 2
Serious Eye Damage / Irritation	Based on available data, the classification criteria are not met
Respiratory or Skin Sensitization	Based on available data, the classification criteria are not met
Germ Cell Mutagenicity	Based on available data, the classification criteria are not met
Carcinogenicity	Based on available data, the classification criteria are not met
Reproductive Toxicity	Based on available data, the classification criteria are not met
STOT – Single Exposure	STOT SE Category 3
STOT – Repeated Exposure	Based on available data, the classification criteria are not met
Aspiration Hazard	Based on available data, the classification criteria are not met

HEALTH HAZARDS OR RISKS FROM EXPOSURE:

ACUTE:

EYE CONTACT: Eye contact may produce irritation.

SKIN CONTACT: Skin contact may produce irritation.

INHALATION HAZARDS: Inhalation of vapors, mists or sprays may cause irritation.

INGESTION HAZARDS: This material is harmful if swallowed.

CHRONIC: Prolonged or repeated skin contact may cause dermatitis.

TARGET ORGANS: ACUTE: Eye, Respiratory System, Skin CHRONIC: Skin

SUSPECTED CANCER AGENT: None of the ingredients are found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore is not considered to be, nor suspected to be a cancer-causing agent by these agencies.

IRRITANCY OF PRODUCT: Contact with this product can be irritating to exposed skin, eyes and respiratory system.

SENSITIZATION OF PRODUCT: This product is not considered a skin or respiratory sensitizer.



REPRODUCTIVE TOXICITY INFORMATION: No information concerning the effects of this product and its components on the human reproductive system.

SECTION 12 - ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

TOXICITY:

No specific data available on this product.

PERSISTENCE AND DEGRADABILITY:

No specific data available on this product.

BIOACCUMULATIVE POTENTIAL:

No specific data available on this product

MOBILITY IN SOIL:

No specific data available on this product

RESULTS OF PBT AND vPvB ASSESSMENT:

No specific data available on this product.

OTHER ADVERSE EFFECTS:

If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration. This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow, running water. Product may be moderately toxic to amphibians by preventing dermal respiration. This product may cause gastrointestinal distress in birds and mammals through ingestion during pelage grooming.

No evidence is currently available on this product's effects on aquatic life.

WATER ENDANGERMENT CLASS:

There are no ecotoxicological assessments for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

RCRA WASTE CODE: To be determined based on usage and contamination.

EU WASTE CODE: To be determined based on usage and contamination.

SECTION 14 - TRANSPORTATION INFORMATION

US DOT; IATA; IMO; ADR:

THIS PRODUCT IS NOT CLASSIFIED AS DANGEROUS GOODS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

PROPER SHIPPING NAME: Non-Regulated Material

HAZARD CLASS NUMBER and DESCRIPTION: None

UN IDENTIFICATION NUMBER: None

PACKING GROUP: None

DOT LABEL(S) REQUIRED: None

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2012): None

MARINE POLLUTANT: This product does not contain ingredients that are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:

This product is not classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

This product is not classified as Dangerous Goods, by rules of IATA:

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:

This product is not classified as Dangerous Goods by the International Maritime Organization.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):

This product is not classified by the United Nations Economic Commission for Europe to be dangerous goods.



SECTION 15 - REGULATORY INFORMATION

UNITED STATES REGULATIONS

SARA REPORTING REQUIREMENTS: This product is subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act., as follows: None

TSCA: All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312:

Acute Health: Yes Chronic Health: Yes Fire: No Reactivity: No

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): None

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): None of the ingredients are on the California Proposition 65 lists.

CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS: Not all of the components of this product are on the DSL Inventory

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: Complies with WHMIS 2015

EUROPEAN ECONOMIC COMMUNITY INFORMATION:

EU LABELING AND CLASSIFICATION:

Classification of the mixture according to Regulation (EC) No1272/2008. See section 2 for details.

AUSTRALIAN INFORMATION FOR PRODUCT:

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS: Not all components of this product are listed on the AICS.

STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS: Not applicable.

JAPANESE INFORMATION FOR PRODUCT:

JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

SECTION 16 - OTHER INFORMATION

PREPARED BY: Paul Eigbrett

GHS MSDS Compliance PLUS

Disclaimer: The information and recommendations in this document are accurate to the best of our knowledge. User must conduct their own tests to determine the suitability of these products for their particular purposes. Because of numerous factors affecting results, Nelson Brothers, LLC MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR PURPOSE, other than the material conforms to our applicable current specifications. Nelson Brothers, LLC assumes no legal responsibility for use or reliance on the information contained in this Safety Data Sheet.

End of SDS Sheet