SAFETY DATA SHEET

PRODUCT RELATED HEALTH DATA SHEET

1. IDENTIFICATION of the SUBSTANCE/MIXTURE and of the COMPANY

1.1 Product identifier

Product Name : **Pump Purj**
Product Code : **Part No. 41-3134**
Product Description : **PAINT SPRAYER PUMP CLEANER & PROTECTOR.**
SDS # : **SDS-12 REVISION #: 3.0.2**
CHEMICAL FORMULA:Not Applicable.
CAS NUMBER : **Not Applicable.**
Article Code : **Not Applicable.**
GENERAL USE : **A CLEAR BLUE SOLUTION OF PROPRIETARY CHEMICALS THAT IS USED TO FLUSH AND PROTECT THE INTERIOR OF PAINT SPRAYER PUMPS.**

DATE REVISED: 01/12/2018 DATE PREPARED: 06/02/2015

1.2 Relevant identified uses of the substance or mixture and uses advised against
Not applicable.

1.3 Details of the supplier of the safety data sheet

Carlisle Fluid Technologies, Inc.
16430 North Scottsdale Road
Scottsdale, AZ 85254
Technical service number 1-888-992-4657

1.4 Emergency telephone number
Emergency Number - INFOTRAC
EMERGENCY PHONE (24 HOURS):
1-8OO-535-5053

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Product definition : Mixture.
Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] : Not classified.

Ingredients of unknown toxicity : None known.
Ingredients of unknown ecotoxicity : None known.

Classification according toOSHA 29 CFR 1910.1299 and Directive 1999/45/EC [DPD]
The product is not classified as dangerous according to OSHA 29.CFR 1910.1200, Directive 1999/45/EC and its amendments.
Classification : Not classified.

See Section 16 for the full text of the R phrases or H statements declared above.
See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements
Hazard pictograms : No pictogram.
Signal word : No signal word.
Hazard statements : No known significant effects or critical hazards
Precautionarystatements
Prevention : Caution.
Response : Not applicable.
Storage : P102: Keep out of reach of children.

Disposal : Not applicable.

Hazardous ingredients : None known.

Supplemental label elements : Not applicable.

Special packaging requirements

Containers to be fitted with child-resistant fastenings : Not applicable.

Tactile warning of danger : Not applicable.

2.3 Other hazards

Other hazards which do not result in classification

Properties affecting health : Wash areas of contact with soap and water.

Principle routes of exposure : Skin, eye.

Skin contact : May cause slight irritation.

Eye contact : May cause irritation, redness, pain, and tearing.

Inhalation : Not likely to be hazardous by inhalation.

Ingestion : May cause irritation to the mouth, esophagus and stomach. Excessive amounts effect the blood and blood vessels . Signs and symptoms of nitrite poisoning include intense cyanosis, nausea, dizziness, vomiting, collapse, spasms of abdominal pain, rapid heartbeat, irregular breathing, coma, convulsions, and death due to circulatory collapse.

Chronic Effects: None.

Medical Conditions Aggravated by Long-Term Exposure: None known.

Target Organs: skin and eyes

Signs and Symptoms: May cause irritation to the skin and eyes. If such a reaction occurs, seek medical attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CASRN	Concentration[1]
SODIUM NITRITE (TOXIC IF INGESTED OR INHALED)	7632-00-0	3-5%

Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

4. FIRST AID MEASURES

4.1 Description of first aid measures

EYE CONTACT : Flush eyes with water for 15 minutes or until the irritation subsides If irritation persists seek medical attention.

INHALATION : May cause irritation. Remove to fresh air. Seek immediate medical attention.

SKIN CONTACT : Wash affected area with soap and water.

INGESTION : DO NOT induce vomiting unless directed to do so by medical personnel. Drink large amounts of water and seek medical attention for treatment, observation and support.– As soon as possible.

Protection of first-aiders : No known significant effects or critical hazards.

4.2 Most important symptoms and effects, both acute and delayed

Potentialacutehealtheffects

Eye contact : May cause irritation, redness, pain, and tearing.

Inhalation : Not likely to be hazardous by inhalation.

Skin contact : May cause slight irritation.

Ingestion : May cause irritation to the mouth, esophagus and stomach. Excessive amounts effect the blood and blood vessels.

Over-exposure signs/symptoms

Eye contact : No specific data.

Inhalation : No specific data.

Skin contact : No specific data.

Ingestion : No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician : Signs and symptoms of nitrite poisoning include intense cyanosis, nausea, dizziness, vomiting, collapse, spasms of abdominal pain, rapid heartbeat, irregular breathing, coma, convulsions, and death due to circulatory collapse.

Specific treatments : No specific data.

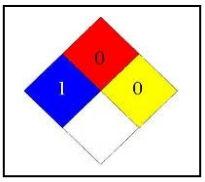
5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media : Dry chemical, carbon dioxide, foam, or water spray is recommended to fight surrounding material fire.

Unsuitable extinguishing media : None known.

5.2 Special hazards arising from the substance or mixture



Flammability class : Not a combustible liquid.
Fire retardant method : None required.
Flash Point : See Section 9.
Autoignition Temperature : See Section 9.
Sensitivity to Static Discharge : None known.
Hazards from the substance or mixture : None known.
Unusual Fire and Explosion Hazards : None known.
Hazardous combustion products : None known.
Note : None.

5.3 Advice for firefighters

Special precautions for fire-fighters : For structural fires beyond the initial stage, emergency responders in the immediate hazard area should wear protective clothing. When the potential chemical hazard is unknown, in enclosed or confined spaces, a self-contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8).

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

HMIS RATING: See Section 15.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training.
For emergency responders : Wear appropriate protective equipment, including respiratory protection, as conditions warrant (see Section 8). See Sections 2 and 7 for additional information on hazards and precautionary measures.

6.2 Environmental precautions : Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways. Use water sparingly to minimize environmental contamination and reduce disposal requirements. If spill occurs on water notify appropriate authorities and advise shipping of any hazard. Spills into or upon navigable waters, the contiguous zone, or adjoining shorelines that cause a sheen or discoloration on the surface of the water, may require notification of the National Response Center (phone number 800-424-8802).

6.3 Methods and materials for containment and cleaning up

Small spill : Find the source and stop the leak. Clean the area with absorbent material and dispose as a hazardous material.

Large spill : Notify relevant authorities in accordance with all applicable regulations. Immediate cleanup of any spill is recommended. Dike far ahead of spill for later recovery or disposal. Find the source and stop the leak. Clean the area with absorbent material and dispose as a hazardous material. If spilled on water remove with appropriate methods (e.g. skimming, booms or absorbents). In case of soil contamination, remove contaminated soil for remediation or disposal, in accordance with local regulations.

6.4 Reference to other sections : Recommended measures are based on the most likely spillage scenarios for this material; however local conditions and regulations may influence or limit the choice of appropriate actions to be taken. See Section 13 for information on appropriate disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Protective measures : Wear protective clothing, chemically resistant gloves and eye protection.
Do not enter confined spaces such as tanks or pits without following proper entry procedures such as ASTM D-4276 and 29CFR 1910.146.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should use good personal hygiene practices wash hands and face before eating, drinking and smoking.

7.2 Conditions for safe storage, including any incompatibilities : Store in a cool and secure area.

7.3 Specific end use(s)

Recommendations : Keep in tightly closed containers and guard against container puncture. Protect container(s) against physical damage.

Industrial sector specific solutions : None.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Note: Consult an industrial hygienist or similar professional, or your local agencies, for further information.

8.2 Exposure controls

Appropriate engineering **:** No specific controls are needed. Normal room ventilation is adequate.

Personal Protection Equipment

Eye Protection **:** Safety glasses or goggles.

Skin Protection **:** Chemical resistant gloves.

Respiratory Protection **:** Normal room ventilation is adequate.

Other protective clothing : Specific situations may require consultation with industrial hygiene, safety, or engineering professionals.

Hygienic Practices **:** Handle according to established hygiene and safety practices. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm). Data represent typical values and are not intended to be specifications.

Physical state	: Liquid.
Color	: Clear blue.
Odor	: Slight glycol Odor.
Appearance	: Transparent.
pH	: 7.5 – 8.5.
Melting point/freezing point	: Freezing 0° C / 32° F.
Initial boiling point and boiling range	: 100° C / 212° F.
Flash point	: None.
Flammability (solid, gas)	: NOT a flammable product.
Burning time	: No data.
Burning rate	: No data.
Upper/lower flammability or explosive limits	: No data.
Vapor pressure	: Not available.
Vapor Density (air=1)	: Not available.
Density	: Not available.
Solubility in Water	: Negligible.
Partition coefficient: n- octanol/water	: No data.
Auto-ignition temperature	: No data.
Decomposition temperature	: No data.

Viscosity : Not available.
Specific Gravity (water=1) : 1.03
Pour Point : Not available.
Explosive properties : Not available.
VOC : 10%.
Oxidizing properties : Not available.

9.2 Other information
No additional information.

10. STABILITY AND REACTIVITY

10.1 Reactivity : Not chemically reactive. Avoid open flames and sparks.
10.2 Chemical stability : Stable under normal conditions and anticipated conditions of use.
10.3 Possibility of hazardous reactions : Not expected.
10.4 Conditions to avoid : Not applicable.
10.5 Incompatible materials : Not applicable.
10.6 Hazardous decomposition products : Possibly small amounts of N_2, O_2, NO, and Na_2O.

11. TOXICOLOGICAL INFORMATION

11.1 Acutetoxicity
Effects of Acute Exposure (LD50 oral and LC50)
Sodium Nitrite: Oral LD50: Acute: 180 mg/kg (rat), 175 mg/kg (mouse).

11.2 Acute toxicity estimates
Conclusion/Summary : Not expected to be toxic.
11.3 Irritation/Corrosion
Conclusion/Summary : Possible slight irritation.
11.4 Sensitizer
Conclusion/Summary : Not expected to be a sensitizer.
11.5 Mutagenicity
Conclusion/Summary : Not Available.
11.6 Carcinogenicity
Conclusion/Summary : None. IARC - No. NTP - No. OSHA - No.
11.7 Reproductive toxicity
Conclusion/Summary : Classified as a reproductive system toxin (female), suspected as a male reproductive toxin.
11.8 Teratogenicity
Conclusion/Summary : Classified as possible for human development.
11.9 Specific target organ toxicity (single exposure)
Not expected to cause organ effects from single exposure.
11.10 Specific target organ toxicity (repeated exposure)
Conclusion/Summary : This substance may also be toxic to blood, the liver, and central nervous system.
11.11 Aspiration hazard
Conclusion/Summary : Not expected to be an aspiration hazard.
11.12 Information on the likely routes of exposure : Ingestion, skin and inhalation.

11.13 Potential acute health effects
Inhalation : Not applicable for product with intended use.
Ingestion : May result in irritation of the digestive tract.
Skin contact : Possible irritation.
Eye contact : Possible irritation.

11.4 Symptoms related to the physical, chemical and toxicological characteristics
Inhalation : No specific data.
Ingestion : This substance may also be toxic to blood, the liver, and central nervous system.
Skin contact : Exposure may cause skin irritation.

Eye contact : No specific data.

11.15 Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not hazardous.

Potential delayed effects : This substance may also be toxic to blood, the liver, and central nervous system.

11.16 Potential chronic health effects

Effects of Chronic Exposure : Not known.

General : No known significant effects or critical hazards.

Carcinogenicity (IARC, ACGIH) : None- NTP, IARC, or OSHA.

Mutagenicity : Not known.

Teratogenicity : Classified as possible for human development.

Developmental effects : Not known.

Fertility effects : No known significant effects or critical hazards.

11.17 Other information : Not available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic

Conclusion/Summary : NO DATA AVAILABLE.

12.2 Persistence

Conclusion/Summary : NO DATA AVAILABLE.

12.3 Bioaccumulation/Accumulation

Conclusion/Summary : NO DATA AVAILABLE.

12.4 Mobility/Persistence in soil

Conclusion/Summary : NO DATA AVAILABLE.

12.5 Degradability/Leaching

Conclusion/Summary : NO DATA AVAILABLE.

12.6 Environmental Fate

Conclusion/Summary : NO DATA AVAILABLE.

12.7 Other adverse effects : No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

The generator of a waste is always responsible for making proper hazardous waste determinations and needs to consider state and local requirements in addition to federal regulations.

13.1 Waste treatment methods

Methods of disposal **:** Dispose of as a hazardous material in accordance with local and governmental agencies. See Sections 7 and 8 for information on handling, storage and personal protection and Section 9 for physical/chemical properties. It is possible that the material as produced contains constituents which are not required to be listed in the SDS but could affect the hazardous waste determination. Additionally, use which results in chemical or physical change of this material could subject it to regulation as a hazardous waste.

Hazardous waste **:** Dispose of as a hazardous material in accordance with local and governmental agencies. Refer to federal, state and local requirements for disposal (OSHA 1910.107, NFPA 33, 40CFR63 parts 260-262, state AQMD and WQMD, local Waste Management Authority).

13.2 Packaging

Methods of disposal **:** Container contents should be completely used and containers should be emptied prior to discard.

13.3 Special precautions **:** None known.

14. TRANSPORT INFORMATION

	US DOT	ADR/RID	IMDG	IATA	CAN TDG
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	None.	None.	None.	None.	None.

14.3 Transport hazard class(s)	Not restricted.	Not restricted.	Not restricted.	Not restricted.	Not restricted.
14.4 Packing group	None.	None.	None.	None.	None.
14.5 Environmental hazards	No.	No.	No.	No.	No.
14.6 Special precautions for user	Not available.	Not available.	Not available.	Not available.	Not available.
Additional information	None.				
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not available.	Not available.	Not available.	Not available.	Not available.

15. REGULATORY INFORMATION

15.1 Federal Regulations

Global Inventories: All ingredients are on DSL/NDSL and TSCA inventories.

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.

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION: This product is not classified as Dangerous Goods by the International Maritime Organization.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA): This product is not classified as Dangerous Goods, by rules of IATA.

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

WHMIS Classification: exempt

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS: This product is not classified as Dangerous Goods, per regulations of Transport Canada.

NSNR/NPRI: no reportable substances

United States of America: SDS prepared pursuant to the Hazard Communication Standard (29CFR1910.1200).

U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS: This product is not classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101.

EPA Hazardous Waste Number and Classification (40CFR261.22): none required

Clean Water Act: Sodium Nitrite (CAS# 7632-00-0) is listed as a Hazardous Substance under the CWA.
None of the chemicals in this product are listed as Priority Pollutants under the CWA.
None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

Toxic Substances Control Act (TSCA): Sodium Nitrite (CAS # 7632-00-0) is listed on the TSCA inventory.

WGK (Water Danger/Protection) : 0

DSL: All components are either on the DSL, or are exempt from DSL listing requirements.

U.S. Export Control Classification Number: EAR99

EPA SARA Title III/CERCLA

SARA Section 302 Extremely Hazardous Substances: None of the chemicals in this product have a TPQ.

SARA Codes: Sodium Nitrite (CAS # 7632-00-0): immediate, delayed, fire.

Section 313: No chemicals are reportable under Section 313.

CERCLA/SARA - Section 313 and 40 CFR 372:

This material does not contain any chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372.

EPA (CERCLA) Reportable Quantity (in pounds): Sodium Nitrite (CAS # 7632-00-0): 100 lb final RQ; 45.4 kg final RQ

OSHA Hazard Status: None of the chemicals in this product are considered highly hazardous as defined by the US OSHA Hazard Communication Standard (29CFR1910.1200).

15.2 State Regulations

California Proposition 65: This product does contain a chemical known to the state of California to cause cancer, birth defect or other reproductive harm: Sodium Nitrite (CAS # 7632-00-0).

Massachusetts : The following components are listed: Sodium Nitrite (CAS # 7632-00-0).
New Jersey : The following components are listed: Sodium Nitrite (CAS # 7632-00-0).
Pennsylvania : The following components are listed: Sodium Nitrite (CAS # 7632-00-0).

15.3 HMIS RATING: Health 1, Flammability 0, Reactivity 0

15.4 NFPA RATING: Health 1, Flammability 0, Reactivity 0

16. OTHER INFORMATION

16.1 Full text of abbreviated H statements : None.

16.2 Full text of classifications : None.

16.3 Full text of abbreviated R phrases : None.

16.4 Full text of classifications [DSD/DPD] : None.

16.5 Guide to Abbreviations:

ACGIH = American Conference of Governmental Industrial Hygienists; CASRN = Chemical Abstracts Service Registry Number; CEILING = Ceiling Limit (15 minutes); CERCLA = The Comprehensive Environmental Response, Compensation, and Liability Act; EPA = Environmental Protection Agency; GHS = Globally Harmonized System; IARC = International Agency for Research on Cancer; INSHT = National Institute for Health and Safety at Work; IOPC = International Oil Pollution Compensation; LEL = Lower Explosive Limit; NE = Not Established; NFPA = National Fire Protection Association; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; PEL = Permissible Exposure Limit (OSHA); SARA = Superfund Amendments and Reauthorization Act; STEL = Short Term Exposure Limit (15 minutes); TLV = Threshold Limit Value (ACGIH); TWA = Time Weighted Average (8 hours); UEL = Upper Explosive Limit; WHMIS = Worker Hazardous Materials Information System (Canada)

16.6 SDS PREPARED BY: Director of Chemical Safety

The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However, Carlisle Fluid Technologies, Inc. makes no representations as to its completeness or accuracy. Information is supplied on condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use. In no event will Carlisle Fluid Technologies, Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.

*** END OF SDS ***