PILOT® CHEMICAL COMPANY

RESPONSIBLE CARE® OUR COMMITMENT TO SUSTAINABILITY

We're going **further®**

date

Company Name: customer name

Address: customer address

City/State/ZIP: customer address

Attention: customer contact name
Subject: Toxic Substances Control Act (TSCA) Research & Development (R&D) Exemption

To whom it may concern:
This letter is to inform you that the samples being provided by Pilot Chemical Company (Pilot) have been evaluated and based upon the best available information, it has been determined that there are components of this product that are not currently listed on the United States Environmental Protection Agency (USEPA) TSCA Inventory. This applies to the following chemical substances:

Product Name: R-10182

Primary Component: 6-pentyldodecane

As these samples are currently being distributed solely for R&D purposes, all handling of these samples by Pilot and our customers will be done in support of an R&D exemption with respect to TSCA (40 Code of Federal Regulations (CFR) §720.36). All handling will be done under the supervision of a technically qualified individual, in quantities not greater than reasonably necessary for research trials and study, as per (40 CFR §720.3(cc)).

We advise that our partners maintain documentation to support the R&D exemption status as stated in TSCA 40 CFR §720.78(b), which involves, among other things, disposition of all chemical
substances, and information related to the R&D, which could be subject to audit by the USEPA. Pilot will also maintain documentation as to the disposition and R&D nature of the production.

The Safety Data Sheets provided for the chemical substances listed above are intended to communicate to you the risks associated with these samples and should be made available to all individuals in your facility who will be handling them.

Thank you for your interest in Pilot's products.

Regards,
**Pilot Chemical Company**

9075 Centre Pointe Dr | Suite 400 | West Chester, OH 45069 | www.pilotchemical.com | 1-800-70-PILOT | 513-326-0600 Phone | 513-326-0601 Fax

# SAFETY DATA SHEET

**R-10182**

## Section 1. Identification

**Product identifier** : **R-10182**

**Product code** : R-10182

**Other means of identification** : A trademarked material from RiKarbon.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**

| Identified uses |
| --- |
| For R&D use only. All activities must be conducted under the direct supervision of a technically qualified person. |

**Uses advised against**
Not applicable.

**Manufacturer**

**Company name** : **Pilot Chemical Company**

**Address** : 9075 Centre Pointe Dr. Suite 400
West Chester, OH
45069, USA

**Telephone number** : 513-326-0600, 1-800-707-4568

**Email** : sdsinfo@pilotchemical.com

**Emergency telephone number INTL** : 1-800-424-9300, 1-703-527-3887

**Chemtrec US** : +1 703-741-5970

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : ASPIRATION HAZARD - Category 1

**GHS label elements**

**Hazard pictograms** :

**Signal word** : Danger

**Hazard statements** : May be fatal if swallowed and enters airways.

**Precautionary statements**

**Prevention** : Not applicable.

**Response** : IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting.

**Storage** : Store locked up.

**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Hazards not otherwise classified** : None known.

# Section 2. Hazards identification

**Hazards identified when used** : No known significant effects or critical hazards.

# Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

**Other means of identification** : A trademarked material from RiKarbon.

| Ingredient name | Synonyms | % | Identifiers |
|---|---|---|---|
| Pentyldodecane | 6-pentyldodecane | ≥70 - ≤90 | CAS: 193072-77-4 |
| dodecane | Dodecane | ≥8 - ≤30 | CAS: 112-40-3 |
| Alkanes, C8-18-branched and linear | | ≥1 - ≤5 | CAS: 2252265-89-5 |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

**Occupational exposure limits, if available, are listed in Section 8.**

# Section 4. First aid measures

## Description of necessary first aid measures

**Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

**Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

## Most important symptoms/effects, acute and delayed

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : No known significant effects or critical hazards.

**Ingestion** : May be fatal if swallowed and enters airways.

### Over-exposure signs/symptoms

**Eye contact** : No specific data.

**Inhalation** : No specific data.

**Skin contact** : No specific data.

# Section 4. First aid measures

**Ingestion** : Adverse symptoms may include the following:
nausea or vomiting

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments** : No specific treatment.

**For emergency responders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

**See toxicological information (Section 11)**

# Section 5. Fire-fighting measures

**Extinguishing media**

**Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**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.

# Section 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Methods and materials for containment and cleaning up**

**Small spill** : Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

# Section 7. Handling and storage

**Precautions for safe handling**

**Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not swallow. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities**

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

# Section 8. Exposure controls/personal protection

**Control parameters**

**Occupational exposure limits**

| Ingredient name | Exposure limits |
|---|---|
| Pentyldodecane | None. |
| dodecane | None. |
| Alkanes, C8-18-branched and linear | None. |

**Biological exposure indices**

No exposure indices known.

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Individual protection measures**

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

**Skin protection**

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

## Section 8. Exposure controls/personal protection

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : In case of insufficient ventilation, wear suitable respiratory equipment.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

**Appearance**

**Physical state** : Liquid.

**Color** : Colorless to light yellow.

**Odor** : Odorless. or Hydrocarbon. [Slight]

**Odor threshold** : Not available.

**pH** : 6 [Conc. (% w/w): 100%]

**Melting point/freezing point** : <-40°C (<-40°F)

**Boiling point or initial boiling point and boiling range** : 345°C (653°F)

**Flash point** : Open cup: 115°C (239°F)

**Fire point** : 115°C (239°F)

**Evaporation rate** : Not available.

**Flammability** : Not available.

**Lower and upper explosion limit/flammability limit** : Not available.

**Vapor pressure** :

| | Vapor Pressure at 20˚C | | | Vapor pressure at 50˚C | | |
|---|---|---|---|---|---|---|
| **Ingredient name** | **mm Hg** | **kPa** | **Method** | **mm Hg** | **kPa** | **Method** |
| dodecane | 0.15001 | 0.02 | | | | |

**Relative vapor density** : Not available.

**Relative density** : 0.79

**Solubility(ies)** :

| Media | Result |
|---|---|
| water | Not soluble |

**Solubility in water** : Not available.

**Partition coefficient: n-octanol/water** : Not applicable.

**Auto-ignition temperature** :

| Ingredient name | °C | °F | Method |
|---|---|---|---|
| dodecane | 200 | 392 | |

**Decomposition temperature** : Not available.

**Viscosity** : Dynamic (room temperature): 6 mPa·s (6 cP) [(LV, #2, RPM: 100, 25°C)]
Kinematic (room temperature): Not available.
Kinematic (40°C (104°F)): 3.42 $mm^2/s$ (3.42 cSt)

**Particle characteristics**

**Median particle size** : Not applicable.

## Section 10. Stability and reactivity

**Reactivity** : No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** : The product is stable.

**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** : No specific data.

**Incompatible materials** : No specific data.

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Not available.

#### Skin corrosion/irritation

| Product/ingredient name | Result |
|---|---|
| Pentyldodecane | **Human - Skin - Not irritant** |

#### Serious eye damage/eye irritation

| Product/ingredient name | Result |
|---|---|
| R-10182 | **In vitro - Eyes - Not irritant**<br>The MatTek Corporation EpiOcular(TM) Tissue Model In Vitro Toxicity Testing System |

#### Respiratory corrosion/irritation

Not available.

#### Respiratory or skin sensitization

| Product/ingredient name | Result |
|---|---|
| Pentyldodecane | **Human - skin**<br>Not sensitizing |

#### Germ cell mutagenicity

| Product/ingredient name | Result |
|---|---|
| Pentyldodecane | **In vitro - Bacteria**<br>OECD 471 [Bacterial Reverse Mutation Test]<br>Result: Negative |

#### Carcinogenicity

Not available.

#### Reproductive toxicity

Not available.

#### Specific target organ toxicity (single exposure)

# Section 11. Toxicological information

Not available.

**Specific target organ toxicity (repeated exposure)**

Not available.

**Aspiration hazard**

| Product/ingredient name | Result |
|---|---|
| Pentyldodecane | ASPIRATION HAZARD - Category 1 |
| dodecane | ASPIRATION HAZARD - Category 1 |
| Alkanes, C8-18-branched and linear | ASPIRATION HAZARD - Category 1 |

**Information on the likely routes of exposure**

Not available.

**Potential acute health effects**

**Eye contact** : No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : No known significant effects or critical hazards.

**Ingestion** : May be fatal if swallowed and enters airways.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Eye contact** : No specific data.

**Inhalation** : No specific data.

**Skin contact** : No specific data.

**Ingestion** : Adverse symptoms may include the following:
nausea or vomiting

**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 available.

**Potential delayed effects** : Not available.

**Potential chronic health effects**

Not available.

**General** : No known significant effects or critical hazards.

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Reproductive toxicity** : No known significant effects or critical hazards.

**Numerical measures of toxicity**

**Acute toxicity estimates**

# Section 11. Toxicological information

| Product/ingredient name | Oral (mg/kg) | Dermal (mg/kg) | Inhalation (gases) (ppm) | Inhalation (vapors) (mg/l) | Inhalation (dusts and mists) (mg/l) |
|---|---|---|---|---|---|
| R-10182 | N/A | 10416.7 | N/A | N/A | N/A |
| dodecane | N/A | 2500 | N/A | N/A | N/A |

# Section 12. Ecological information

**Toxicity**

Not available.

**Persistence and degradability**

Expected to be inherently biodegradable

**Bioaccumulative potential**

| Product/ingredient name | $LogP_{ow}$ | BCF | Potential |
|---|---|---|---|
| dodecane | 6.98 | 239.88 | Low |

**Mobility in soil**

**Soil/Water partition coefficient** : Not available.

**Other adverse effects**

No known significant effects or critical hazards.

# Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

# Section 14. Transport information

| | DOT Classification | IMDG | IATA |
|---|---|---|---|
| **UN number** | Not regulated. | Not regulated. | Not regulated. |
| **UN proper shipping name** | - | - | - |
| **Transport hazard class(es)** | - | - | - |
| **Packing group** | - | - | - |
| **Environmental hazards** | No. | No. | No. |

**Additional information**

# Section 14. Transport information

**Reportable quantity substance (Products)** : Not applicable.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to IMO instruments** : Not available.

# Section 15. Regulatory information

**U.S. Federal regulations**

**TSCA 8(a) CDR Exempt/Partial exemption**: Not determined

For R&D use only. All activities must be conducted under the direct supervision of a technically qualified person.

**TSCA 12(b) - Chemical export notification**

Not applicable.

**EPA**

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Not listed

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List I Chemicals (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

**SARA 302/304**

**Composition/information on ingredients**

No products were found.

**SARA 304 RQ** : Not applicable.

**SARA 311/312**

**Classification** : ASPIRATION HAZARD - Category 1

**Composition/information on ingredients**

| Name | % | Classification |
|---|---|---|
| Pentyldodecane | ≥70 - ≤90 | ASPIRATION HAZARD - Category 1 |
| dodecane | ≥8 - ≤30 | FLAMMABLE LIQUIDS - Category 4<br>ASPIRATION HAZARD - Category 1 |
| Alkanes, C8-18-branched and linear | ≥1 - ≤5 | ASPIRATION HAZARD - Category 1 |

**State regulations**

**Massachusetts** : None of the components are listed.

**New York** : None of the components are listed.

**New Jersey** : None of the components are listed.

**Pennsylvania** : None of the components are listed.

Pilot Chemical does not provide Proposition 65 information on our safety data sheets. Proposition 65 statements are available upon request by contacting reginfo@pilotchemical.com

**International regulations**

**Chemical Weapon Convention List Schedules I, II & III Chemicals**

# Section 15. Regulatory information

Not listed.

**Montreal Protocol**

Not listed.

**Stockholm Convention on Persistent Organic Pollutants**

Not listed.

**Rotterdam Convention on Prior Informed Consent (PIC)**

Not listed.

**UNECE Aarhus Protocol on POPs and Heavy Metals**

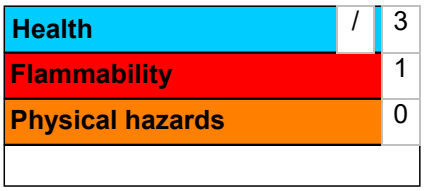
Not listed.

**Inventory list**

| | | |
|---|---|---|
| **Australia** | : | Not listed. |
| **Canada DSL** | : | At least one component is not listed. |
| **Chile** | : | Not determined. |
| **China** | : | Not listed. |
| **Colombia** | : | Not determined. |
| **Eurasian Economic Union** | : | **Russian Federation inventory**: Not listed. |
| **Japan** | : | **Japan inventory (CSCL)**: Not listed.<br>**Japan inventory (ISHL)**: Not listed. |
| **New Zealand** | : | Not listed. |
| **Philippines** | : | Not listed. |
| **Republic of Korea** | : | Not listed. |
| **Taiwan** | : | Not listed. |
| **Thailand** | : | Not listed. |
| **Turkey** | : | Not listed. |
| **United States** | : | Not listed. |
| **Viet Nam** | : | Not listed. |

# Section 16. Other information

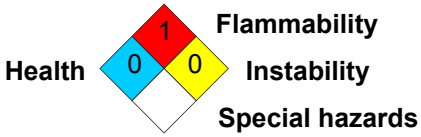
**Hazardous Material Information System (U.S.A.)**




**Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.**

**The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.**

**National Fire Protection Association (U.S.A.)**




**Procedure used to derive the classification**

# Section 16. Other information

| Classification | Justification |
|---|---|
| ASPIRATION HAZARD - Category 1 | Calculation method |

**History**

**Date of revision** : 8/14/2026

**Date of issue** : 3/24/2026

**Version** : 5

**Prepared by** : Product Safety & Regulatory Specialist

**Key to abbreviations** : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
N/A = Not available
SGG = Segregation Group
UN = United Nations

**References** : OSHA Hazard Communication Standard

**Indicates information that has changed from previously issued version.**

**Notice to reader**

**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.**

**The Pilot Chemical Corp. product referred to in this document is sold pursuant to Pilot Chemical Corp.'s Standard Terms and Conditions ("Terms"); however, the information contained in this document shall not be considered part of said Terms. Although the information is believed to be accurate and reliable as of the date compiled, PILOT CHEMICAL CORP. MAKES NO GUARANTEE, REPRESENTATION, OR WARRANTY, EXPRESS OR IMPLIED, REGARDING THE ACCURACY, RELIABILITY, SUFFICIENCY, SUITABILITY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF ANY INFORMATION IN THIS DOCUMENT OR THE PRODUCT TO WHICH THIS DOCUMENT RELATES. Users should make their own investigations, tests and determinations as to the information's completeness and the product's suitability for their particular purposes. It is the user's responsibility to ensure that all activities comply with applicable laws. Pilot Chemical Corp. makes no warranty or representation that the information or product may be used without infringing the intellectual property rights of Pilot Chemical Corp or others. This document is provided gratuitously for guidance only and Pilot Chemical Corp. assumes no liability for its use.**