



SAFETY DATA SHEET

Section 1: Product Identification

Product Name: Flock Free Tank Mix
General Use: Avian pest control (25b exemption)
Supplier: Flock Free Bird Control
644 Cross Street, Unit 4
Lakewood, NJ 08701
Phone: (732) 987-5400
Emergency (24 hour): (732) 987-5400
Revision date: June 16, 2017

Section 2: Hazards Identification

Emergency Overview (OSHA Hazards): WARNING! Causes skin irritation. Causes serious eye irritation. Keep out of reach of children.

Hazard Classification (categories in parentheses): Irritant (skin: 2, eyes: 2A).

HMIS Rating:

Health 1
Flammability 1
Reactivity 0



WARNING!

Personal protection ration to be supplied by user depending on use conditions.

Hazard Statements: H315 Causes skin irritation
H319 Causes serious eye irritation

Precautionary Statements: P262 Do not get in eyes, on skin, or on clothing
P264 Wash face, hands and any exposed skin thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection
P301 + P311 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/physician. Rinse mouth.
P302 + P352 + P362 + P333 + P314 IF ON SKIN: Wash with soap and water. Take off contaminated clothing and wash before reuse If skin irritation or a rash occurs: Get medical advice/attention if you feel unwell.
P304 + P341 + P342 + P322 + P314 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If

experiencing respiratory symptoms: Administer oxygen and get medical advice/attention if you feel unwell.

P305 + P351 + P322 + P338 + P313 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical advice/attention.

P501 Dispose of contents/ container to an approved waste disposal plant

NOTE—Information provided in this SDS represents characteristics and physical data of the concentrated material as supplied.

Section 3: Composition

Chemical Family: Blend of minimum risk active and inert ingredients

<i>Ingredient</i>	<i>Wt %</i>	<i>CAS Number</i>	<i>OSHA PEL</i>	<i>ACGIH TLV</i>	<i>NIOSH REL</i>	<i>NIOSH IDLH</i>
Corn oil	7 – 13	8001-30-7	§* 15mg/m ³	N/A	§ 10 mg/m ³	N/A
Peppermint oil	0 – 5	8006-90-4	N/A	N/A	N/A	N/A
White pepper	0 – 5	8006-82-4	N/A	N/A	N/A	N/A
Garlic oil	0 – 5	8000-78-0	N/A	N/A	N/A	N/A
Clove oil	0 – 5	8000-34-8	N/A	N/A	N/A	N/A
Rosemary oil	0 – 5	8000-25-7	N/A	N/A	N/A	N/A
Thyme oil	0 – 5	8007-46-3	N/A	N/A	N/A	N/A
Sodium chloride	0 – 5	7647-14-5	N/A	N/A	N/A	N/A
Isopropyl Alcohol	10-20	67-63-0	400 ppm	200 ppm	400 ppm	2000 ppm
Soap (saponification of plant oils)	30-40	proprietary	N/A	N/A	N/A	N/A
Pumice	10-15	proprietary	N/A	N/A	N/A	N/A

* TWA † calculated § mist only

NOTE—Some components of this product are proprietary, and the formulation is maintained as a Trade Secret. Safety and hazard information in this SDS are for the blended formulation as supplied. Specific formulation information is immediately available to treating physicians or nurses in emergency situations, or to health professionals, employees, or designated representatives in non-emergencies where prior written consent is obtained.

Section 4: First Aid

Most important symptoms/effects: Serious eye irritant. Skin irritant.

Inhalation: Remove individual to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration. Get medical advice/attention if you feel unwell.

Skin Contact: Remove contaminated clothing and foot wear. Wash thoroughly with soap and water and do not reuse clothing until properly cleaned. If a rash should develop, get medical advice/attention.

Eye Contact: Immediately flush eyes with plenty of cool, clean water for at least 15 minutes. Keep eyelids apart to maintain maximum contact with water. Do not allow the individual to rub their eyes. Get medical advice/attention.

Ingestion: If individual is conscious and able to swallow, quickly have the victim drink water to dilute. Do not give anything by mouth if individual is unconscious or is having convulsions. Contact a physician or poison control center for advice/attention.

Section 5: Fire and Explosion Data

Flash Point: > 212 Fahrenheit – Tag Closed Cup

Extinguishing Media: Water spray, foam, dry chemical or carbon dioxide. Use water spray to keep fire-exposed containers cool. If a spill or leak has ignited, use water spray to disperse the vapors. Water spray may be used to flush spills away from a fire. Do not flush into a storm drain or public sewer.

Special Procedures: Use self-contained breathing apparatus (SCBA) and proper personal protection clothing.

Unusual Hazards: There are no known unusual explosion or fire hazards associated with this material in its virgin form. However, in a fire-fighting scenario involving multiple chemicals, vapors can be released that might contain oxides of carbon, and firefighters should attack and contain fire and any fumes accordingly.

Section 6: Accidental Release Procedures

Personal precautions, protective equipment, and emergency procedures: Clear area of non-essential personnel. Use proper personal protective equipment (PPE).

Methods and materials for containment and cleaning up: Contain spill or leak and soak up as much material as possible. Put collected material into suitable containers for disposal. Close or cap valves and/or block or plug hole in leaking container and transfer to another container. Use appropriate containment to avoid runoff or release to sewer or waterways.

Recovered solids or liquids may be disposed of in a permitted waste management facility. Consult Federal, state or local disposal authorities for approved procedures. Any disposal must be in compliance with Federal, state, or local regulations.

Section 7: Handling and Storage

Precautions for safe handling: Eye wash and safety showers are recommended in the immediate work area. Check with your State OSHA to determine the maximum distance for stations to be placed in regards to possible chemical exposure.

Conditions for safe storage, including any incompatibilities: The material is safe to store at ambient temperatures of between 35° and 120° F. Keep containers closed when not in use to prevent evaporative losses and possible contamination.

Section 8: Employee Protection and Control Measures

NOTE—No exposure standard exists for the formulated product.

Appropriate engineering controls: Normal ventilation has been found to be generally adequate. The end user must determine if the process or methods involved with the use of this material requires any additional ventilation.

Individual protection measures, such as personal protective equipment:

Eye Protection: Safety glasses with side shields or splash proof chemical goggles should be used when working with concentrated product. If product is being sprayed or splashing is possible,

splash proof chemical goggles or a splash shield in accordance with 29 CFR 1910.133 is recommended. Appropriate eye protection must be worn instead of, or in conjunction with, contact lenses.

Skin Protection: As is a good practice with all materials, chemical resistant gloves, including rubber, butyl, or neoprene, should be worn when working with the product to avoid skin contact.

Respiratory Protection: Not normally required. In situations where a risk of inhalation occurs, such as where product is being misted, a respirator or air delivery system in accordance with 29 CFR 1910.134 (OSHA), 42 CFR 84 (NIOSH), and any other applicable regulations may be recommended.

Other: Not generally required under normal working conditions. The end user must determine if the process or methods involved required other personal protection clothing and/or equipment.

Work/Hygienic Practices: Do not consume food, drink, or smoke in areas where chemicals are being stored or handled. After working with chemicals wash hands thoroughly before handling food or beverages. Segregate and launder contaminated clothing before reuse.

Section 9: Physical and Chemical Properties

Appearance: Dark Amber Purple Liquid

Odor: Mild

Odor threshold: Not tested

pH: 10.8 Typical

Melting point/freezing point: 25° F (- 4° C)

Initial boiling point and range: > 212° F

Flash Point: > 212° Fahrenheit – Tag Closed Cup

Evaporation Rate: Less than water

Flammability (solid, gas): Not applicable

Upper/lower flammability or explosive limits: Not tested

Vapor pressure: < 0.01 mm Hg estimated

Vapor Density: Heavier than air

Relative density: Specific Gravity (H₂O = 1): 1.001 typical

Solubility (water): Dispersible

Partition coefficient: n-octanol/water: Not tested

Auto-ignition temperature: Not applicable

Decomposition temperature: Not applicable

Viscosity: Not tested

Stability: Stable

Percent Volatiles: Not tested

Section 10: Stability and Reactivity

Reactivity: Product is stable as delivered

Chemical Stability: Stable

Possibility of hazardous reactions: Heat may be generated in contact with strong oxidizers.

Conditions to avoid (e.g., static discharge, shock, or vibration): None known.

Incompatible materials: Avoid contact with strong oxidizers.

Hazardous decomposition products: Oxides of carbon.

Polymerization: Will not occur.

Section 11: Toxicological Information

Acute Toxicity Data: Not tested, but expected to be low toxicity based on ingredients

Irritant Data: Possible skin irritant; serious eye irritant

Primary Routes of Exposure (Acute):

Eye and Skin Exposure: May cause mild but reversible skin irritation with prolonged or repeated exposure to concentrated product. Concentrated product can cause serious irritation to eyes.

Inhalation: No long-term effects are expected, but excessive breathing of vapors may cause discomfort, dizziness, or mild irritation.

Ingestion: No long-term effects are expected with ingestion of small quantities, but swallowing concentrated product may lead to gastrointestinal irritation, diarrhea, or nausea.

Primary Routes of Exposure (Chronic):

The effects from chronic exposure to this product have not been fully evaluated, but none are expected with the formulated product.

Carcinogenicity: None of the components present in this material are listed on the IARC, NTP, or OSHA carcinogen lists.

Safety Precautions: As with all chemicals, avoid contact with eyes, skin, and clothing; wash thoroughly after handling, especially before eating, drinking, or smoking.

Section 12: Ecological Information

Contact your Flock Free representative for assistance.

Section 13: Disposal Considerations

Waste Disposal: All disposals of this material must be done in accordance with Federal, state and local regulations. Waste characterization and compliance with disposal regulations are the responsibilities of the waste generator.

Section 14: Transportation Information

DOT Proper Shipping Name: Non hazardous

DOT/IMO Proper Shipping Name: Not regulated

Section 15: Regulatory Information

Toxic Substances Control Act (TSCA) Status: All ingredients in this product appear on either the public TSCA inventory or the confidential TSCA inventory.

EPCRA, Section 311: Health: Immediate Health (possible skin irritant, serious eye irritant).

FIFRA exemption: Flock Free represents that this product qualifies for exemption from registration under the Federal Insecticide, Fungicide, and Rodenticide Act, according to Section 25(b).

Section 16: Other Information

Last Revision: NA

Current Revision: NA

Revision summary: NA

Prepared By: Flock Free Bird Control LLC.

This information is related only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer warranty against patent infringement.

End of SDS

GRANTEC INC.

Safety Data Sheet Invisidye

SECTION 1: Identification

1.1 Product identifier

Product name	Invisidye
Product number	Grantec17
Brand	Grantec Inc.
Substance name	INVISIDYE

1.2 Other means of identification

None

1.3 Recommended use of the chemical and restrictions on use

None

1.4 Supplier's details

Name	Grantec Inc.
Address	5374 Wadsworth Rd. Dayton, OHIO 45414 USA
Telephone	937 545 6098
Fax	937 274 9577
email	Grantecinc@aol.com

1.5 Emergency phone number(s)

937 545 6098

SECTION 2: Hazard identification

General hazard statement

Avoid breathing vapors/spray. If in eyes: Rinse with water. Remove contact lenses.

2.1 Classification of the substance or mixture

GHS classification in accordance with: false

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

None known

Safety Data Sheet

Invisidye

Statement regarding ingredients of unknown toxicity

N/A

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance name	INVISIDYE
Formula	Proprietary
Other names / synonyms	Organic Pigment
Impurities and stabilizing additives	None

Trade secret statement (OSHA 1910.1200(i))

Invisidye is a proprietary product of Grantec, In.

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled	<p>If inhaled: Call a poison center or doctor if you feel unwell.</p> <p>Acute and delayed symptoms and effects: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.</p>
In case of skin contact	<p>If on skin: Wash with plenty of soap and water. Call a poison center or doctor if you feel unwell.</p> <p>Acute and delayed symptoms and effects: May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.</p>
In case of eye contact	<p>If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center or doctor if you feel unwell.</p> <p>Acute and delayed symptoms and effects: May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.</p>
If swallowed	<p>If swallowed: Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.</p> <p>Acute and delayed symptoms and effects: May cause gastrointestinal</p>

Safety Data Sheet

Invisidye

irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

None Known

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection if necessary. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

6.2 Environmental precautions

Keep out of drains, sewers, ditches, and waterways.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

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Invisidye

8.2 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Safety glasses are recommended. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection

Wear protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Not required under normal use conditions.

Thermal hazards

No data available.

Environmental exposure controls

Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Off White Liquid
Odor	slight
Odor threshold	None
pH	6-8
Melting point/freezing point	32 Degrees Fahrenheit
Initial boiling point and boiling range	212 Degrees Fahrenheit
Flash point	Greater than 212 Degrees Fahrenheit
Evaporation rate	Greater than water
Flammability (solid, gas)	None Applicable
Upper/lower flammability limits	None
Upper/lower explosive limits	None
Vapor pressure	N.E. Air =1
Vapor density	N.E. Air = 1
Relative density	1.02 - 1.05
Solubility(ies)	Soluble in water
Partition coefficient: n-octanol/water	Infinite
Auto-ignition temperature	N/A
Decomposition temperature	Greater than 400 Degrees Fahrenheit
Viscosity	50 - 250 CPS
Explosive properties	None
Oxidizing properties	None

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under normal conditions

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.

10.5 Incompatible materials

Oxidizing and Reducing agents.

10.6 Hazardous decomposition products

Carbon and Nitrogen oxides

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Symptoms (including delayed and immediate effects):

Inhalation: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Ingestion: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Eye: see below.

Skin: see below.

Skin corrosion/irritation

May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

or

Causes skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

Serious eye damage/irritation

May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

or

Causes serious eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No data available.

Safety Data Sheet

Invisidye

Carcinogenicity

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

No data available.

Summary of evaluation of the CMR properties

No data available.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

No data available.

SECTION 12: Ecological information

Toxicity

Not evaluated.

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available.

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

No data available.

SECTION 13: Disposal considerations

Disposal of the product

Dispose of in accordance with state, federal and local regulations. This material does not contain any known RCRA hazardous material.

Disposal of contaminated packaging

Dispose of as unused product.

Waste treatment

Not recommended

Sewage disposal

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Not recommended

Other disposal recommendations

Dispose of in accordance with state, federal and local regulations.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

SECTION 16: Other information

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall [COMPANY NAME] be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if [COMPANY NAME] has been advised of the possibility of such damages.