SAFETY DATA SHEET

Issued Date: June 1, 2015 Revision Date: June 1, 2015

SECTION I PRODUCT AND COMPANY IDENTIFICATION

Product Identifiers

Product Name:	Bird-X Bird Proof Transparent Repellent
EPA Registration No.:	8254-5-56
Product Code:	BP-CART, BP-TRIAL
Synonyms:	Polybutene 4 the Birds® BIRD REPELLENT
Product Type:	Liquid
Identified uses:	Repellent

Details of the Supplier of the Safety Data Sheet

Supplier Name:
Bird-X, Inc.

Supplier Address
300 N. Oakley Blvd.
Chicago, IL 60612
Website: www.bird-x.com
E-mail: sales@bird-x.com

Emergency Telephone Numbers

Company Phone Number:	(312) 226-2473 (During Business Hours, 8:00am - 4:00pm CST)
Emergency Telephone:	INFOTRAC: 1-800-535-5053 (Outside U.S. 1-352-323-3500)

SECTION II 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 : SKIN CORRSION/IRRITATION – Category 2
ASPIRATION HAZARD – Category 1

GHS label elements

Hazard pictograms :

Signal Word : Danger

Hazard statements : Cause skin irritation.
May be fatal if swallowed or enters airways.

Precautionary statements

Prevention : Wear protective gloves. Wash hands thoroughly after handling.

Response : IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before use. If skin irritation occurs: Get medical attention.

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 III COMPOSITION ON INGREDIENTS

Substance/mixture : Mixture

Other means of identification : Polybutene

CAS number/other identifiers

CAS number	Not applicable
Product code	666N

Chemical Name	Cas No.	Weight-%
Butene, homopolymer	9003-29-6	**60-100**

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 as hazardous to health or the environment and hence require reporting in this section.

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

SECTION IV FIRST AID MEASURES

Description of necessary first aid measures

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.

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 20 minutes. Get medical attention.

Skin Contact:

Flush contaminated skin with plenty of water. Continue to rinse for at least 20 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion:

Get medical attention immediately. Call a poison center or physician. Was out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 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.

Most important symptoms and effects, both acute and delayed:

Potential acute health effects

Eye Contact	Causes serious eye irritation.
Inhalation	No known significant effects or critical hazards.
Skin Contact	Causes skin irritation
Ingestion	May be fatal if swallowed and enters airways. Irritating to mouth, throat and stomach.

Over-exposure signs/symptoms

Eye Contact	Adverse symptoms may include the following: Pain or irritation Watering Redness
Inhalation	No known significant effects or critical hazards.
Skin Contact	Adverse symptoms may include the following: Irritation Redness
Ingestion	Adverse symptoms may include the following: Nausea or vomiting

Indication of any immediate medical attention and special treatment needed:

Note to physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	No specific treatment.
Protection of first-aiders	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 V FIRE-FIGHTING MEASURE

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	No specific fire or explosion hazard.
Hazardous thermal decomposition products	Decomposition products may include the following materials: Carbon dioxide Carbon monoxide
Special protective actions	No special measures are required.
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 VI ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Avoid breathing vapor or mist.
Provide adequate ventilation.
Wear appropriate respirator when ventilation is inadequate.
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 relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and Material for Containment and Cleaning Up

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.
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 (see Section 13).
Dispose of via a licensed waste disposal contractor.
Contaminated absorbent material may pose the same hazard as the spilled product.
Note: See Section 1 for emergency contact information and Section 13 for waste disposal.

SECTION VII 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 compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do no 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. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including an incompatibilities:	Store in accordance with local regulations. Store in original container protected from 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.

SECTION VIII EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limits: None.

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.

Individual protection measures:

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.

Skin 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.

Body Protection:
Personal protective equipment, appropriate footwear and any additional skin protection measures 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.

Respiratory Protection:
Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

SECTION IX PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State:	Liquid. [Gel]	**Odor:**	Petroleum [Slight]
Odor Threshold:	Not available	**Color:**	Colorless
pH:	Not available	**Melting Point:**	Not available
Boiling Point:	Not available	**Flash Point:**	Closed cup:>192.22°C (>378°F) [Pensky-Martens.]
Evap. Rate:	Negligible	**Flammability:**	(solid, gas): Not available
Lower and upper explosive (flammable) limits:	Not available	**Vapor Pressure:**	Not available
Vapor Density:	Not available	**Relative Density:**	.89
Partition Coefficient:	Not available	**Solubility**	<1%
Decomp Temp:	Not available	**Auto-Ignition Temp:**	Not available
Viscosity:	Not available		

SECTION X STABILITY AND REACTIVITY

Reactivity:	No specific test data related to reactivity 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.
Materials to avoid:	Reactive or incompatible with the following materials: oxidizing materials.
Hazardous Decomposition:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION XI TOXICOLOGICAL INFORMATION

Information on toxicological effects:
Acute Toxicity: There is no data available.
Corrosion/Irritation: There is no data available.
Sensitization: There is no data available.
Carcinogenicity: There is no data available.
Specific Target Organ Toxicity – Single Exposure: No data available.
Specific Target Organ Toxicity – Repeated Exposure: No data available.

Aspiration Hazard:

Name	Result
Butene, homopolymer	**ASPIRATION HAZARD, category 1**

Information on the likely routes of exposure: Dermal contact. Eye contact. Inhalation.

Potential acute health effects:

Eye contact : Causes serious eye irritation.
Inhalation : No known significant effects or critical hazards.
Skin contact : Causes skin irritation.
Ingestion : May be fatal if swallowed and enters airways. Irritating to mouth, throat and stomach.

Symptoms related to the physical, chemical and toxicological characteristics:

Eye contact : Adverse symptoms may include the following:
Pain or irritation
Watering
Redness

Inhalation : No known significant effects or critical hazards.

Skin contact : Adverse symptoms may include the following:
Irritation
Redness

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 : No known significant effects or critical hazards
Potential delayed effects : No known significant effects or critical hazards

Long term exposure

Potential immediate effects : No known significant effects or critical hazards
Potential delayed effects : No known significant effects or critical hazards

Potential chronic health effects:

General : No known significant effects or critical hazards
Carcinogenicity : No known significant effects or critical hazards
Mutagenicity : No known significant effects or critical hazards
Teratogenicity : No known significant effects or critical hazards
Developmental effects: No known significant effects or critical hazards
Fertility effects : No known significant effects or critical hazards

Numerical measures of toxicity

Acute toxicity estimates : There is no data available.

SECTION XII ECOLOGICAL INFORMATION

Toxicity:
There is no data available.

Persistence and Degradability:
There is no data available.

Bioaccumulative potential:

Product/ingredient name	$LogP_{ow}$	BCF	Potential
Butene, homopolymer	7.6 to7.8	314 to 1882	high

Mobility in Soil:
Soil/water partition Coefficient (K_{OC}) : There is no data available.

Other adverse effects : No known significant effects or critical hazards

SECTION XIII DISPOSAL CONSIDERATIONS

Disposal methods:

The generation of waster should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should 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 contactor. 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 feasibly. The material and its container must be disposed of in a safe way. Care should be taken when handling empty 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 XIV TRANSPORT INFORMATION

Agency	Proper Shipping Name	UN Number	Hazard Class	Packing Group	Environmental hazards	Additional information
DOT	-	Not regulated	-	-	**No**	-
IATA	-	Not regulated	-	-	**No**	-
IMDG	-	Not regulated	-	-	**No**	-

AERG : 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 Annex II of MARPOL 73/78 and The IBC Code : Not available

SECTION XV REGULATORY INFORMATION

U.S. Federal Regulation : **TSCA 8(a) CDR Exempt/Partial exemption:** Not determined.
United States Inventory (TSCA 8b): Not determined.

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 : Immediate (acute) health hazard
Composition/information on ingredients:

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Butene, homopolymer	60-100	No	No	No	Yes	No

State regulations
Massachusetts : None of the components are listed.
New York : None of the components are listed.

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New Jersey : None of the components are listed.
Pennsylvania : None of the components are listed.
California Prop. 65 : No products were found.
International regulations
Chemical Weapon Convention List Schedules I, II & III Chemicals : Not listed.
Montreal Protocol (Annexes A,B,C,E) : Not listed.
Stockholm Convention on Persistent Organic Pollutants : Not listed.
Rotterdam Convention on Prior Inform Consent (PIC) : Not listed.
UNECE Aarhus Protocol on POPs and Heavy Metals : Not listed.

SECTION XVI OTHER INFORMATION

Disclaimer:

The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material in any process. The information set forth herein is furnished free of charge and is based on technical data that we believe to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside of our control, Bird-X, Inc. makes no warranties, expressed or implied, and assumes no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under, or a recommendation to infringe upon, any patents.