

# MATERIAL SAFETY DATA SHEET

REVISED: 07-11-02

---

## SECTION I - IDENTIFICATION OF PRODUCT

---

**MANUFACTURER'S NAME:** CONTROL SOLUTIONS, INC.  
5903 Genoa-Red Bluff  
Pasadena, TX 77507-1041

**PRODUCT NAME:** MARTIN'S I.G. REGULATOR  
Insect Growth Regulator

**EPA. REG. NO. 53883-60**  
**EPA EST. NO. 53883-TX-002**

**EMERGENCY PHONE :** (281) 892-2500

**CHEMICAL NAME:** See Section VI

**C.A.S. NAME:** See Section VI

**C.A.S. NUMBER:** See Section VI

**CHEMICAL FORMULA:** See Section VI

**MOLECULAR WEIGHT:**

**CHEMICAL FAMILY:** Insect Growth Regulator

**D.O.T. HAZARD CLASS:** N/A

**D.O.T. SHIPPING NAME:** Insecticide Liquid  
Other Than Agriculture N.O.I.B.N.

---

## SECTION II - PHYSICAL

---

<b>ODOR:</b>	Petroleum distillate odor	<b>MELTING POINT:</b>	N/A
<b>APPEARANCE:</b>	Liquid	<b>PARTICLE SIZE:</b>	N/A
<b>LBS/GAL:</b>	7.06#/gal	<b>CLOUD PT:</b>	N/A
<b>COLOR (G-H):</b>	Water White	<b>PERCENT VOLATILE:</b>	N/A
<b>BOILING POINT:</b>	N/E	<b>EVAPORATION RATE:</b>	N/E
<b>VAPOR PRESSURE:</b>	N/A	<b>FLASH POINT:</b>	153° F, TCC
<b>VAPOR DENSITY:</b>	N/A	<b>SPECIFIC GRAVITY:</b>	0.847± 0.012 @ 20°C
<b>BULK DENSITY (FLUFFED):</b>	N/A	<b>BULK DENSITY (SETTLED):</b>	N/A
<b>REFRACTIVE INDEX:</b>	N/E	<b>pH:</b>	7.8 @ 1.3%
<b>SOLUBILITY (OIL):</b>	Soluble	<b>SOLUBILITY (WATER):</b>	Soluble

# MATERIAL SAFETY DATA SHEET

---

## SECTION III - FIRE & EXPLOSION HAZARD DATA

---

FLASH POINT (METHOD USED):	153°F, TCC
FLAMMABLE LIMIT (LOWER):	N/E
FLAMMABLE LIMIT (UPPER):	N/E
FIRE EXTINGUISHING MEDIA:	Foam, carbon dioxide or dry chemical
SPECIAL PROCEDURES:	Treat as an oil fire. Use a full faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water spray. Contain the run-off, if possible, for proper disposal.
UNUSUAL FIRE/EXPLOSION HAZARDS:	None Do not use or store near heat or open flame.

---

## SECTION IV - HEALTH HAZARD DATA

---

TOXICITY CATEGORY:	" Caution " Label Required.
ORAL LD50:	NYLAR = > 5000 mg/kg (Rats)
DERMAL LD50:	NYLAR = > 2000 mg/kg (Rats)
INHALATION LD50:	Irritant
EYE EFFECTS:	Irritant
SKIN EFFECTS:	
THRESHOLD LIMIT VALUE:	N/E
ADDITIONAL COMMENTS	Harmful if swallowed or absorbed through skin. Do not breathe vapors or spray mist. Avoid contact with skin or eyes.

---

## SECTION V - SPECIAL PROTECTION

---

EYE PROTECTION:	<b>Avoid contact.</b> Flush with plenty of water in event of contact
SKIN PROTECTION:	<b>Avoid contact.</b>
RESPIRATORY PROTECTION:	<b>Not required</b> when handling this product
OTHER PRECAUTIONS:	<b>Avoid contamination of food or feedstuffs</b>

# MATERIAL SAFETY DATA SHEET

---

## SECTION VI - COMPOSITION/INFORMATION ON INGREDIENTS

---

<u>MATERIAL</u>	<u>PERCENT</u>
Active Ingredient(s) NYLAR 2-[1-Methyl-2-(4-phenoxyphenoxy) ethoxy] pyridine	1.30%
Inert Ingredients	98.70%

---

## SECTION VII - HAZARDOUS COMPONENTS OF

---

Contains Refined Petroleum Solvent  
CAS #\*Trade Secret of Manufacturer - MGK

\*Trade Secret of  
Manufacturer - MGK

SARA TITLE III - SECTION 313

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372

<u>CAS#</u>	<u>CHEMICAL NAME</u>	<u>PERCENT BY WEIGHT</u>
NONE	Glycol Ethers	Not more than 2.10

This information must be included in all MSDS's that are copies and distributed for this material

---

## SECTION VIII - EMERGENCY & FIRST AID PROCEDURES

---

**IF IN EYES:** Flush with plenty of water. Get medical attention if irritation persists.

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Do not induce vomiting

**IF INHALED:** Remove affected person to fresh air. Get medical attention if effects are present.

**IF ON SKIN:** Remove contaminated clothing and wash before reuse. Wash skin with soap and warm water. Get medical attention if irritation persists.

---

## SECTION IX - EFFECTS OF OVER-EXPOSURE

---

Can cause temporary irritation, tearing and blurred vision.

Prolonged or repeated exposure can cause irritation and reddening of the skin, possibly progressing into dermatitis.

Excessive inhalation can cause nasal and respiratory irritation.

Can cause stomach irritation resulting in nausea, cramps and vomiting

---

## SECTION X - SPILLAGE OR LEAKAGE PROCEDURES

---

In case of spill or leakage, contain and soak up with an appropriate absorbent such as sand, sawdust, earth, fuller's earth, etc. Transfer into waste containers for disposal. Wash the spill area with detergent and water.

# MATERIAL SAFETY DATA SHEET

## SECTION XI - WASTE DISPOSAL METHODS

---

Do not reuse empty container. Wrap container in several layers of newspaper and discard in trash.

## SECTION XII - ADDITIONAL PRECAUTIONS

---

**Storage:** Store in a cool, dry place. Keep container closed.

**Reactivity Info:** **Stability:** Stable

## SECTION XIII - COMMENTS

---

The information contained herein is believed to be accurate whether originating with Control Solutions, Inc. or not. Control Solutions, Inc. provides no warranties, either expressed or implied, and assumes no responsibility for the accuracy or completeness of the data. Recipients are advised to confirm any data, in advance of need, that it is current, applicable and suitable to their circumstances.