

SAFETY DATA SHEET (SDS)

1. PRODUCT IDENTIFICATION Trade Name(s) (As Labeled):

New-Gar® Standardized, Deodorized & Nutraceutical Garlic – Powder & Granules:
NG2000P/PO, NG8000P/PO, NG10000P/PO, NGAGEXP1, Garlic Granules: NG2000G/GO,
NG8000G/GO, NG10000G/GO, NGBGEX2.

Supplier's Name: Nature*4*Science Inc.

Mailing address: 5753-G E. Santa Ana Cyn Rd # 573 Anaheim Hills, CA.92807-3296

Emergency phone number: 714-223-0647 & 714-234-7760

Supplier's Name: Nature*4*Science Inc.

Complete Mailing address: 5753-G Santa Ana Cyn Rd #573
Anaheim Hills, CA 92807-3296

Source: China

Date Revised: 1/29/2018

2. HAZARD IDENTIFICATION

Chemical Names	CAS No	EC No	% Exposure	Limits in Air
Other	539-86-6	208-727-7	OSHA PEL	Indicate units) N/A

Garlic Granules are non-hazardous however; following reactions may occur:

1. May cause respiratory track irritation if swallowed.
2. May cause skin irritation when in contact with skin.
3. May result in burning/ stinging sensation when in contact with eyes.
4. May produce an allergic reaction if powder is swallowed .

3. PHYSICAL/CHEMICAL CHARACTERISTICS/ COMPOSITION

Vapor density (air = 1): N/A	Melting point or range, °F:	<25°C
Specific gravity: 1.1129/cm ³	Boiling point or range, °F:	N/A
Solubility in water: Not soluble	Evaporation rate (butyl acetate = 1):	N/A
Vapor pressure, (mm Hg at 20°C):	N/A	

Appearance & odor: creamy colored powder with odor characteristic of garlic.

All New-Gar® are 100% garlic powder, and not classified as hazardous.

4. HEALTH HAZARD INFORMATION/First aid measures – Emergency procedures

SYMPTOMS OF OVEREXPOSURE (for each potential route of exposure)

Inhaled: May cause respiratory tract irritation. Assure fresh air breathing. Rest. If you don't feel well, seek medical advice.

Contact with skin: May cause skin irritation. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

Contact with eyes: May result in a burning/stinging sensation. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, tears or redness persist.

Absorbed through skin: N/A

Swallowed: May produce an allergic reaction. Rinse mouth. Seek medical advice immediately and show container or label

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Conditions associated with eyes, skin, and lungs. See instructions above

POTENTIAL OR SUSPECTED CANCER AGENTS

No This product's ingredient is not found in cancer agents list.
 Yes

Note: California employers using Cal/OSHA-regulated carcinogens must register with Cal/OSHA

5. FIRE AND EXPLOSION HAZARD DATA/ FIRE FIGHTING MEASURES

Flash point, °F (give method): N/A

Auto ignition temperature, °F: N/A

Flammable limits in air, % by volume:

Lower (LEL): N/A Upper (UEL): N/A

Fire extinguishing materials:

water spray carbon dioxide Other: _____
 foam dry chemical _____

Special fire-fighting procedures: N/A Unusual fire and explosion hazards: N/A

6. PRECAUTIONS FOR SAFE HANDLING & USE/ ACCIDENTAL RELEASE MEASURE

Spill response procedures (include employee protection measures):

Clean up spilled product using broom & dust pan.

Preparing wastes for disposal (container types, neutralization, etc.):N/A

Note: Dispose all wastes in accordance with federal, state, and local regulations.

7. HANDLING AND STORAGE

Personal protection:	Avoid all unnecessary exposure. Ensure prompt removal from eyes, skin and clothing.
Technical protective measures:	Material should be handled in a laboratory hood whenever Possible
Handling	Handle with accordance with good industrial hygiene and safety procedure
Storage	In an air-tight container, protected from light and stored at controlled room temperature.
Storage – away from	All heat sources, including direct sunlight. Open flame. sources of ignition, Sparks, (Incompatible materials.)

8. CONTROL MEASURES/ EXPOSURE CONTROL/ PERSONAL PROTECTION

Ventilation and engineering controls: Well ventilated work area with dust control.

Respiratory protection: Dust mask for handling powder.

Personal protective equipment: Fireproof clothing. Sufficient ventilation: Wear respiratory protection. Protective goggles. Gloves.



Other clothing and equipment: Lab coat

Work and hygienic practices: Clean, dry, environment

9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical formula: $C_6H_{10}OS_2$

Molecular weight/Molar Mass: 162.26gcm⁻³

Physical State at 20 °C: Powder

Color: Creamy White

PH value: >3.0 (Allinase is deactivated at <3)

Melting point [°C] : <25°C

Boiling point [°C]: No data available.

Solubility in water: Not soluble/ dispersible

Solubility: No data available.

Flash point [°C]: No data available.

Log P octanol/ water at 20°C: No data available.

10. STABILITY AND REACTIVITY

Stability and reactivity: Stable under normal conditions.

Materials to avoid: Strong oxidizers.

Conditions to avoid: Moisture, heat, sources of ignition, light.

Hazardous decomposition products: Nitrogen oxides, Carbon dioxide, Carbon monoxide.

Phosphorous oxide. When heated to decomposition, emits dangerous fumes.

Hazardous reactions: None under normal conditions.

Hazardous polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

RTECS nr: No data available.

Rat oral LD50 [mg/kg]: No data available.

Rabbit dermal LD50 [mg/kg]: No data available.

Rat inhalation: LC50 [mg/L/4h]: No data available.

Acute toxicity: Exposure may produce an allergic reaction

Chronic toxicity: No data available.

Sensitization: No data available.

12. ECOLOGICAL INFORMATION

Ecological effects information

LC50-96 Hour-fish [mg/L]: No data available.

EC50-48 Hour- Daphnia magna [mg/L]: No data available.

IC50-72h- Algae [mg/L]: No data available.

Biodegradation [%]: No data available.

Persistence- degradability: Minimally biodegradable.

Log P octanol/ water at 20°C: No data available.

Bio accumulative potential: No data available.

13. DISPOSAL CONSIDERATIONS

General: Dispose of this material and its container at hazardous or special waste collection point.

Dispose in a safe manner in accordance with local/ national regulations.

14. TRANSPORT INFORMATION

General information: Not classified.

15. REGULATORY INFORMATION

Symbol(s): None.

R Phrase(S): None.

S Phrase(s): S22: Do not breathe dust.

S36/37: Wear suitable protective clothing and gloves.

16. OTHER INFORMATION

Further information: Revision see below.

DISCLAIMER OF LIABILITY The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control any may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.