

Material Safety Data Sheet

1. Product and company identification

a) Product Name: BIORAN NP200R

b) Recommended use of the chemical and restrictions on use: Personal Care

c) Manufacturer/Supplier/Distributor Information

Name: INKOS Co., Ltd.

Address: (67 Blck 8 Lot) 96, Namdong-daero 199beon-gil, Namdong-gu, Incheon, 21633 Korea

Emergency phone number: 82-32-818-3266

2. Hazards identification

a) Hazard·Risk Classification: Skin irritation, categories 2

b) Label elements including precautionary statements

Symbol:



Signal Word: Warning

Hazard·Risk Statement: H315 : Causes skin irritation.

Precautionary Statement:

P264 : Wash thoroughly after handling.

P280 : Wear protective gloves/protective clothing/eye protection/face protection

Precaution

P302+P352 : IF IN SKINS : Rinse cautiously with water for several minutes.

P321 : Specific treatment (see ... on this label).

P332+P313 : If skin irritation occurs: Get medical advice/attention.

P362+P364 : Wash contaminated clothing before reuse.

Storage

Not available

Discard

Not available

c) Other Hazard·Risk which are not included in the classification criteria (e.g. dust explosion hazard):

Health: 1

Fire : 0

Reactivity: 0

3. Composition/Information on ingredients

	Ingredient	CAS No.
	Water	7732-18-5
	Lonicera Japonica (Honeysuckle) Flower Extract	-
	Ocimum Basilicum (Basil) Extract	84775-71-3
	Glycerin	56-81-5
	Citrus Paradisi (Grapefruit) Fruit Extract	90045-43-5
	Usnea Barbata (Lichen) Extract	84696-53-7

4. First aid measures

General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident

a) Eye contact : Rinse opened eye for several minutes under running water.

b) Skin contact: Immediately wash with water and soap and rinse thoroughly.

c) Inhalation: Supply fresh air; consult doctor in case of complaints.

d) Ingestion: Rinse mouth. Do not induce vomiting. Immediately call a doctor.

e) Indication of immediate medical attention and notes for physician:

No further relevant information available.

5. Fire-Fighting measures
<p>a) Suitable (and unsuitable) extinguishing media: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.</p> <p>b) Specific hazards arising from the chemical (e.g. nature of any hazardous combustion products): Formation of toxic gases is possible during heating or in case of fire.</p> <p>c) Special protective equipment and precautions for fire-fighters: Wear self-contained respiratory protective device.</p>
6. Accidental release measures
<p>a) Personal precautions, protective equipment and emergency procedures: Wear protective clothing.</p> <p>b) Environmental precautions and protective procedures: Do not allow to enter sewers/ surface or ground water</p> <p>c) Methods and materials for containment and cleaning up: Dispose contaminated material as waste according to item 13.</p>
7. Handling and storage
<p>a) Precautions for safe handling: Store in cool, dry place in tightly closed receptacles. Open and handle receptacle with care</p> <p>b) Conditions for safe storage (including any incompatibilities): Store in a cool location. Please refer to the manufacturers certificate for specific storage and transport temperature conditions. Store only in the original receptacle. Keep container in a well-ventilated place. Keep away from sources of ignition and heat. · Information about storage in one common storage facility: Store away from foodstuffs. · Further information about storage conditions: None. · Specific end use(s) No further relevant information available.</p>
8. Exposure controls & personal protection
<p>a) Control parameters (e.g. occupational exposure limit values, biological limit values): Components with limit values that require monitoring at the workplace: Not required.</p> <p>b) Additional information: The lists that were valid during the creation were used as basis.</p> <p>c) Personal protective equipment</p> <p>Respiratory protection:</p> <p>Eye protection: Safety glasses</p> <p>Hand protection: The glove material has to be impermeable and resistant to the product the substance the preparation. Due to missing tests no recommendation to the glove material can be given for the product the preparation the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation</p> <p>Body protection: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash Hands before breaks and at The end of work. Store protective clothing separately</p>
9. Physical and chemical properties
<p>a) Appearance (physical state, color etc): Transparent Liquid, Light Yellow</p> <p>b) Odour: characteristic</p> <p>c) Odour threshold: N/A</p> <p>d) pH: 8.0± 1.0</p> <p>e) Melting point/freezing point: N/A</p> <p>f) Initial boiling point and boiling range: N/A</p> <p>g) Flash point : N/A</p> <p>h) Evaporation rate: N/A</p> <p>i) Flammability (solid, gas): N/A</p> <p>j) Upper/lower flammability or explosive limits: N/A</p>

- k) Vapor pressure: N/A
- l) Solubility: N/A
- m) Vapor density: N/A
- n) Refractive index :N/A
- o) Specific gravity : 1.00 ~ 1.10
- p) Auto-ignition temperature: N/A
- q) Decomposition temperature: N/A
- r) Viscosity: N/A
- s) Molecular mass: N/A

10. Stability and reactivity

- a) Chemical stability and possibility of hazardous reactions: Stable under normal conditions
- b) Conditions to avoid (e.g. static discharge, shock or vibration, etc): Stable under normal conditions.
- c) Incompatible materials: Heat.
- d) Hazardous decomposition products: No dangerous reactions known.

11. Toxicological information

- a) Information on the likely routes of exposure:
 - b) Health hazards information
- Acute toxic: Not available
- Skin corrosive/irritant: No irritant effect
- Serious eye damage/eye irritation: No irritant effect
- Respiratory sensitization: No sensitizing effects known
- Carcinogenicity:
- IARC (International Agency for Research on Cancer) Substance is not listed.
 - NTP (National Toxicology Program) Substance is not listed.

12. Ecological information

- a) Aquatic and terrestrial ecotoxicity: No further relevant information available
- b) Persistence and degradability: No further relevant information available.
- c) Bioaccumulative potential: No further relevant information available.
- d) Mobility in soil: No further relevant information available.
- e) Other adverse effects: No further relevant information available.

13. Disposal considerations

- a) Disposal method: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- b) Disposal precaution (including the disposal method of contaminated container and packaging): Dispose in accordance with national regulations

14. Transport information

- a) UN number:
 - DOT, ADR, ADN, IMDG, IATA Not applicable
 - DOT, ADR, ADN, IMDG, IATA Not applicable
- b) UN proper shipping name: Not applicable.
- c) Transport hazard class: Not applicable.
- d) Packing group (if applicable): Not applicable.
- e) Marine pollution (yes/no): no
- f) Special precaution which a user to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises:

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Section 355 (extremely hazardous substances): Substance is not listed.

Section 313 (Specific toxic chemical listings): Substance is not listed.

TSCA (Toxic Substances Control Act): Substance is not listed.

Proposition 65

Chemicals known to cause cancer: Substance is not listed.

- Chemicals known to cause reproductive toxicity for females: Substance is not listed.
- Chemicals known to cause reproductive toxicity for males: Substance is not listed.
- Chemicals known to cause developmental toxicity: Substance is not listed.

16. Other information

a) Information source and references:

The information in this Safety Data Sheet meets the requirements of the United States OCCUPATIONAL SAFETY AND HEALTH ACT and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) This document is intended only as a guide to the appropriate precautionary handling of the material by a person trained in, or supervised by a person trained in, chemical handling. The user is responsible for determining the application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, we cannot warn of all of the potential dangers of use or interaction with other chemicals or materials. We warrant that the chemical meets the specifications set forth on the label. We (LGC/VHG/ARMI) disclaim any other warranties, expressed or implied with regard to the product supplied hereunder, its merchantability or its fitness for a particular purpose. The user should recognize that this product can cause severe injury and even death, especially if improperly handled or the known dangers of use are not heeded. Read all precautionary information.

b) Issuing date: 2016.02.01

c) Revision number and date: 1/2017.02.01