

Safety Data Sheet

NOVATION INDULGE 3920 - 32300300

1 Chemicals and company information

Chemical identifier (Product name):

Product number: 32300300
Product name: NOVATION INDULGE 3920 - 32300300

Other means of identification:

Chemical family: Starch

Recommended uses and restrictions on use:

Recommended use: 食品用デンプン (食品用デンプン)
Restrictions on use: 知見なし

Name of supplier, address of Supplier and telephone number of supplier:

Ingredion Japan Co., Ltd.
3-5-10 Shinbashi, Minato-ku, Tokyo
Shinsan Building 2F
Japan
Tel: + 81-3-3504-9665 (during business hours)

Emergency telephone number:

CHEMTREC - Emergency Telephone (Medical & Transport Incident With Product- 7Days/24 Hours)
The global (outside US) number: +1 703-741-5970
Australia: +(61)-290372994
China: 4001-204937
Hong Kong: 800-968-793*
India: 000-800-100-7141*
Indonesia: 001-803-017-9114*
Japan: +(81)-3-4520-9637
Malaysia: +(60)-392125794, 1-800-815-308*
New Zealand: +(64)-98010034
Philippines: +(63) 2-395-3308, 1-800-1-116-1020*
Singapore: +(65)-31581349, 800-101-2201*
South Korea: +(82) 070-7686-0086, 00-308-13-2549*
Taiwan: +886-2-7741-4207*, 00801-14-8954*
Thailand: 001-800-13-203-9987*
Vietnam: +(84)-444581938

* Phone numbers for countries marked with an asterisk must be dialed within the country

SDS Requests and general information, please contact Local Customer Service: See phone numbers in Section 16

Classification in accordance with JIS Z 7252:2019:

GHS Hazard Symbols: No hazard symbols required

Classification in accordance with JIS Z 7252:2019: Hazardous to the aquatic environment - Acute Category 3

Signal Word: No Signal Word needed.

Hazard Statements: Harmful to aquatic life.

Precautionary Statements:

Prevention: Avoid release to the environment.

Disposal: Dispose of contents/container to.

Other hazards: 何も知られていません

3 Composition and ingredient information

Substance:
Not applicable

Mixture:

Chemical Name	Synonyms	CAS number	%
This product is not classified as hazardous			

4 First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

Inhalation: This material does not present a hazard if inhaled. Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure.

Eye Contact: 瞼を開いたまま、目薬溶液やきれいな水で洗浄して粒子を取除いて下さし
If symptoms develop, obtain medical attention.

Skin Contact: 皮膚を石鹼と水で洗浄して下さい。

Ingestion: 何も必要ではありません

Anticipated acute delayed effects and ダスト粒子が生じる身体刺激剤となる可能性がある。。ダストの爆発が起

most important symptoms/effects: 可能性がある 排水の生化学的酸素要求量に貢献します。 Not considered as hazardous.

Medical Attention: No further first aid information is available.

5 Fire-fighting measures

Extinguishing media:

Suitable extinguishing media: 二酸化炭素 , 粉末消火剤 , 泡 , 放射水煙

Unsuitable extinguishing media: 何も知られていません

Specific hazards:

ダスト雲の点火最低温度は約390Cです。爆発最低濃度は約62 mg/lです。電気スパークによりダスト雲を点火するための最低エネルギー0.045 ジュールです

Hazardous combustion products: 熱分解すると一酸化炭素、二酸化炭素、不明の有機化合物を生成するかもしれません

Special protective equipments and protective measures for the extinguishers:

Do not enter fire area without proper protection including self- contained breathing apparatus and full protective equipment.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment as required.

Environmental precautions:

No data available

Methods and materials for containment and methods and materials for cleaning up:

不愉快なダストを防止するために通常の予防措置に従うこと。ダストを延て吸入しないようにして下さい。掃き取り、掃除機をかけ、適した廃棄物容器に入れて下さい。喫煙及びはだか火を禁止して下さい。

7 Handling and storage precautions

Safety handling precautions:

As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Conditions for safe storage, including any incompatibilities:

Safe storage conditions: 臭いのある物質から離れ、清潔で乾燥した換気の良い倉庫に保管して下さい。

Static Sensitivity:

Yes

特別な感度はありません

Other precautions:

空気中にパウダーの分散しないようにして下さい
表面上のパウダー蓄積を防止すること

不適切に磨かれた装置で粉末を機械的に取り扱っていると、静電気の放電が起

Materials to Avoid/Chemical
Incompatibility:

ります。
何も知られていません

8 Exposure controls and protective measures

Occupational exposure limit values and biological limit values:

Chemical Name	Japan - Recommended Exposure Limits - TWAs	Japan - Recommended Exposure Limits - Ceiling Limits	Japan - Recommended Exposure Limits - Biological Monitoring
No data available			

この物質はTWA10 mg/m³未満に維持されるべき不愉快なダストを生じます。

Engineering controls: 一般

Personal protection equipment:

Respiratory Protection: NIOSH 認可防塵マスク Dust masks should conform to EN 149.

Eye and/or face protection: 安全メガネを着用して下さい Personal eye protection should conform to EN 166.

Skin and body protection: Skin protection may be required depending on product temperature.

Hand protection: 炎症が起こる可能性があるため手袋を推奨しています, Gloves should conform to EN 374.

Other Protection: 制服、カバーオール或いは実験着を着用して下さい

Hygiene: 飲食、トイレ設備を使用する前に洗浄して下さい

9 Physical and chemical properties

Appearance (e.g. physical state, form and colour) of a chemical:

Physical state: 粉末

Colour: 白色

Odour: デンプンの臭い

Odour Threshold: 知見なし

pH: 知見なし 6

pH in (1%) Solution: 知見なし

Melting point/freezing point:

Melting point: 知見なし

Freezing point: 知見なし

Boiling point or initial boiling point and boiling range:	知見なし
Flash Point:	該当せず
Evaporation Rate:	該当せず
Flammability:	なし
Upper/lower flammability or explosive limits:	
Upper flammability or explosive limits:	知見なし
Lower flammability or explosive limits:	知見なし
Vapour pressure:	知見なし
Relative gas density:	知見なし
Density and/or relative density:	No data available
Solubility(ies):	不溶性
n-octanol/water partition coefficient (log value):	知見なし
Auto-ignition temperature:	知見なし
Decomposition temperature:	知見なし
Dynamic viscosity:	知見なし
Particle characteristics:	Not applicable

10 Stability and reactivity

Reactivity:	Not expected to be reactive.
Chemical stability:	光遮断下、常温では安定している。
Hazardous reactions:	危険な重合は起こりません。
Conditions to avoid:	何も知られていません
Incompatible materials:	何も知られていません
Hazardous decomposition products:	この製品は自然分解を行いません。代表的な燃焼生成物は一酸化炭素、二酸化炭素、窒素及び水です。

11 Hazard information

Description of the various toxicological (health) effects and the available data used to identify those effects:

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):	何も知られていません
Target Organs Potentially Affected by Exposure:	何も知られていません
Symptoms related to the physical, chemical and toxicological characteristics:	No data available

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Toxic effects: この製品は毒性がないとみなされています。良い産業衛生学の実践方法を使用することを推奨します

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Acute toxicity:

Ingestion Toxicity: Based on available data, the GHS classification criteria are not met.

Acute toxicity - Dermal: Based on available data, the GHS classification criteria are not met.

Inhalation Toxicity: Based on available data, the GHS classification criteria are not met.

Skin corrosion/irritation: 皮膚を石鹼と水で洗浄して下さい。

Serious eye damage/irritation: Based on available data, the GHS classification criteria are not met.

Respiratory sensitization: Based on available data, the GHS classification criteria are not met.

Skin sensitization: Based on available data, the GHS classification criteria are not met.

Germ cell mutagenicity: Based on available data, the GHS classification criteria are not met.

Carcinogenicity: 何も知られていません

Reproductive toxicity: Based on available data, the GHS classification criteria are not met.

Specific target organ toxicity (single exposure): Based on available data, the GHS classification criteria are not met.

Specific target organ toxicity (repeated exposure): Based on available data, the GHS classification criteria are not met.

Aspiration hazard: Based on available data, the GHS classification criteria are not met.

Numerical measures of toxicity (such as acute toxicity estimates):

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
There is no known toxicity data available for the components or the product.			

12 Ecological information

Ecotoxicity: 低量であるが生化学的酸素要求量に貢献しています。

Ecological Toxicity Data:

Chemical Name	CAS number	Aquatic LC50 Fish	Aquatic ERC50 Algae	Aquatic EC50 Crustacea
No data available				

Persistence and degradability: 即生分解性

Bioaccumulative potential: 低い(非常に急速に劣化します)。

Mobility in soil: Unknown
Hazard to ozone layer: 何も知られていません

13 Precautions for disposal

Waste from residues: 国の法律、或いは、地方の条令に従い、廃棄処分を行って下さい

14 Transport information

UN number: Not applicable
Name of product (UN proper shipping name): 該当せず
UN classification [Transport hazard class(es)]: 該当せず
Packing group (if applicable): 該当せず
Toxic Inhalation Hazard Zone: No data available
Marine pollutant (Y/N): No data available
Liquid substances transported in bulk according to MARPOL 73/78, Annex II, the IBC Code(Y/N): No data available
Special precautions: Consult IMO regulations before transporting in bulk by ocean.

15 Applicable laws

This section should provide information including names of laws specifically applied to a chemical in a region/country where the SDS is applied. Information on the regulation relevant to the law, and names of other applicable laws should be included.:

TSCA Status: This product is manufactured in compliance with all provisions of the Toxic Substances Control Act, 15 U.S.C. 2601 et. seq.
FDA 21CFR172.892.

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Pollutant Release and Transfer Registry (PRTR) Law

Chemical Name	CAS number	Pollutant Release and Transfer Registry (PRTR) Law - Class 1 Substances	Pollutant Release and Transfer Registry (PRTR) Law - Class 2 Substances
No data available			

Japan - Industrial Safety and Health Law

Chemical Name	CAS number	Japan - ISHL Substances List
No data available		

Japan Poisonous and Deleterious Substances Control Law

Chemical Name	CAS number	Japan Poisonous and Deleterious Substances
No data available		

Montreal Protocol on Substances that Deplete the Ozone Layer

Chemical Name	CAS number	Montreal Protocol on Substances that Deplete the Ozone Layer
No data available		

Stockholm Convention on Persistent Organic Pollutants

Chemical Name	CAS number	Stockholm Convention on Persistent Organic Pollutants
No data available		

Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade

Chemical Name	CAS number	Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade
No data available		

Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal



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Chemical Name	CAS number	Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal
No data available		

16 Other information

Revision Date: 02-24-2023
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Revision Number: 3
Reason for revision: New

For Information Contact: Japan:
Ingredion Japan K.K.
Customer Service: +81-3-3504-9926

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