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SECTION 01 : Identification of substance and of the company /undertaking

1.1 Product identifiers

Product name : WS -3
N-Ethyl-p-methane-3-carboxamide
Ethyl menthane carboxamide
Menthol Carboxamide

Product Number : --

Brand : Anshul

REACH No : 01-2120734837-44-0004

CAS-No. : 39711-79-0

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : Anshul Specialty Molecules Pvt.Ltd.
Flexcel Park ,C-wing ,2nd Floor, ,S.V.Road,
Near 24 Karat Multiplex, Jogeshwari (West)
Mumbai-400 102 ,INDIA

1.4 Emergency telephone number

Emergency Phone # : +91 98194 90645
+91 88797 10202

SECTION 02 : Hazards identification


2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008

Pictogram : 

Signal word : Warning

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Hazard statement(s)

H 319 : Causes serious eye irritation

Precautionary statement(s)

P 264 : Wash thoroughly after handling.

P 270 : Do not eat, drink or smoke when using this product

P 280 : Wear protective gloves/ eye protection/ face protection.

P 305+P351 +P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing .

P 330 : Rinse mouth

P 337 +P 313 : If eye irritation persists .Get medical attention.

P 501 : Dispose of contents/containers in accordance with local/regional/national/international regulation

Supplemental Hazard information : None

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bio- accumulative (vPvB) at levels of 0.1% or higher

SECTION 03 : Composition / information on ingredients

3.1 Substance

Synonyms : : N-Ethyl-p-methane-3-carboxamide
Ethyl menthane carboxamide
Menthol Carboxamide WS-3

Formula : : C₁₃H₂₅NO


Molecular weight : : 211.34 g/mol

CAS-No. : : 39711-79-0

EC-No. : : 254-599-0

FEMA No : 3455

Component	Classification	Concentration
N-Ethyl-2-(isopropyl)-5-methylcyclohexanecarboxamide	Eye irritation H 319	<= 100 %

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SECTION 04 : First aid measures

4.1 Description of first aid measures

- General advice** : Consult a physician. Show this safety data sheet to the doctor in attendance.
- If inhaled** : If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
- In case of skin contact** : Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.
- In case of eye contact** : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- If swallowed** : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.


- 4.2 Most important symptoms and effects, both acute and delayed** : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

- 4.3 Indication of any immediate medical attention and special treatment needed** : Treat symptomatically

SECTION 05: FIREFIGHTING MEASURES

Extinguishing Media


- 5.1 Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Unsuitable extinguishing media** : Do NOT use water jet as it may scatter and spread fire.
- 5.2 Special hazards arising from the substance or mixture** : Carbon oxides, Nitrogen oxides (NOx)

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- 5.3 Flash Point** : > 200.0 °F (> 93.3 °C) Closed Cup
- 5.4 Auto ignition temp** : No data Available
- 5.5 Explosive Limit**
Lower Explosive Limit : No data Available
Upper explosive limit
- 5.6 General Information** : As in any fire , wear a self - contained breathing apparatus with full face piece operated in a positive pressure mode. NIOSH (approved or equivalent)
- 5.7 Advice for fire-fighters** : Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Keep containers cool by spraying with water. Eliminate all ignition sources if safe to do so.
- 5.8 Further information** : Use water spray to cool unopened containers.
- 5.9 General fire hazards** : Static charges generated by emptying package in or near flammable vapor may cause flash fire

SECTION 06: Accidental release measures

- 6.1 Personal precautions** : Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
For personal protection see section 8.
- 6.2 Environmental precautions** : Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
- 6.3 Methods and materials for containment and cleaning up** : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to

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local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

6.4 Reference to other sections : For disposal see section 13.

SECTION 07: Handling and storage

- 7.1 Precautions for safe handling** : Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes.
Avoid inhalation of vapour or mist.
Keep away from sources of ignition - No smoking.
Take measures to prevent the build up of electrostatic charge.
For precautions see section 2.2..
- 7.2 Conditions for safe storage, including any incompatibilities** : Do not store in close proximity to excessive heat , Open flame ,strong acid or string bases. To minimise product degradation avoid prolonged exposure of the substance to air ,Keep container tightly closed when not in use.
- 7.3 Specific end use(s)** : Apart from the uses mentioned in section 1.2 no other specific uses are stipulated


SECTION 08: Exposure controls / personal protection

- 8.1 Control parameters** : Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep air borne concentrations low
- 8.2 Exposure controls** : **Appropriate engineering controls**
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product

Personal Protective Equipment

Eyes /Face Protection : Wear Chemical Safety Goggles.
Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection : Wear appropriate protective gloves to prevent skin expose.

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Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact

with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of Regulation (EU)

2016/425 and the standard EN 374 derived from it.

Body Protection : Wear a chemical apron.
Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace


Respiratory protection : Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387)
respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure : Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Discharge into the environment must be avoided.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | | | |
|----|-------------------------------|---|--------------------------------------|
| a) | Appearance | : | White to off white crystalline solid |
| b) | Odour | : | Slight menthol odor |
| c) | Odour Threshold | : | No data Available |
| d) | pH | : | No data Available |
| e) | Melting point/ freezing point | : | 87 -102°C |
| f) | Boiling point | : | No data Available |
| g) | Evaporation rate | : | No data Available |
| h) | Vapour pressure | : | No data Available |
| i) | Vapour density | : | 7.3 |
| j) | Relative density | : | No data Available |

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Carcinogenicity IARC, OSHA, ACGIH,NTP EPA classification.	:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity	:	No data available
TLV	:	No data available
STEL	:	No data available
Specific target organ toxicity - single exposure	:	No data available
Specific target organ toxicity - repeated exposure	:	No data available
Aspiration hazard	:	No data available
Additional Information	:	No data available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.


Endocrine disrupting properties: The substance has no endocrine-disrupting properties according to Regulation (EU) 2017/2100

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity


EC50 (48 hr) (static)	:	>50 - <100 mg/L (Daphnia magna) (OECD Guideline 202 (Daphnia sp. Acute Immobilisation test))
EC50 (72 hr)	:	59.2 mg/L (Pseudokirchneriella subcapitata) (OECD Guideline 201 (Alga, Growth Inhibition Test))
LC50(96h)	:	100 mg/L (Danio rerio) (OECD Guideline 203 (Fish, Acute Toxicity Test))

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- 12.2 Persistence / degradability** : Biodegradation in water : screening tests
The test chemical undergoes 33.08 % biodegradation after 42 days in the test condition . thus , the test item .
- 12.3 Bioaccumulative potential(BCF)** : In accordance with column 2 of Annex IX of the REACH regulation, testing for this endpoint is scientifically not necessary and does not need to be conducted since the test chemical has a low potential for bioaccumulation based on $\log K_{ow} \leq 3$.
- 12.4 Mobility in soil** : The Adsorption Coefficient of test chemical was determined as per the HPLC method (OECD Guideline-121). The Log K_{oc} value was determined to be 2.815 ± 0.001 at 25°C.
- 12.5 Biodegradability** : No data available
- 12.6 Ozone Depleting Substances assessment** : No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.
- 12.7 Endocrine disrupting properties:** : The substance has no endocrine-disrupting properties according to Regulation (EU) 2017/2100

SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods** : **Product**
Dispose off in a manner consistent with Federal, State and Local Regulations Offer surplus and non-recyclable solutions to a licensed disposal company. Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.
- 13.2 Contaminated packaging** : Dispose of as unused product.

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SECTION 14: TRANSPORT INFORMATION

14.1 UN number

ADR/RID: -

IMDG: -

IATA : --

14.2 UN proper shipping name

:N-Ethyl-2-(isopropyl)-5-methylcyclohexanecarboxamide

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA : --

14.4 Packaging group

ADR/RID: -

IMDG: -

IATA : --

14.5 Environmental hazards

ADR/RID: no

IMDG -Marine pollutant : no

IATA :--

14.6 Special precautions for user

No data available

SECTION 15: Regulatory information

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


This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Authorisations and/or restrictions on use : Neither banned nor restricted This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).

15.2 Chemical safety assessment

: For this product a chemical safety assessment was not carried out

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SECTION 16: Other Information

- 16.1 The above information is believed to be accurate and represents the best information currently available to us. However we make no warranty of merchantability or any other warranty, express or implied, with respect to such information and we assume no liability resulting from it's use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall ANSHUL SPECIALTY MOLECULES PVT. LTD. be liable for any claims, losses or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from use or reliance upon this information.

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