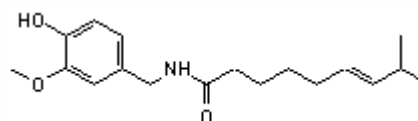


SPECIFICATION SHEET

| | | | | | |
|--------------------------|---|---------------------|----------|-------------------|----------|
| VERSION | 1,00 | VERSION DATE | 10/08/23 | PRINT DATE | 28/04/24 |
| PRODUCT | CAPSAICINE, NATURAL | | | | |
| APPLICATIONS | Industrial raw material not intended for direct use. | | | | |
| IUPAC NAME | (E)-N-[(4-HYDROXY-3-METHOXYPHENYL)METHYL]-8-METHYLNON-6-ENAMIDE | | | | |
| SYNONYMS | CAPSAICINE, CAPSICUM CONCENTRATED | | | | |
| PLANT OF ORIGIN | Capsicum annuum L. & Capsicum frutescens | | | | |
| PART OF THE PLANT | DRIED PODS | | | | |
| FORMULA | C18 H27 N O3 | | | | |
| MOLECULAR WEIGHT | 305,42 | | | | |
| CAS | 404-86-4 | | | | |
| EINECS | 206-969-8 | | | | |
| FEMA | 3404 | | | | |
| TARIFF NUMBER | 2939799090 | | | | |



REACH REGISTRATION NO. Exempt from registration (imported/manufactured < 1 ton/year)

SPECIFICATIONS

| | |
|---------------------------------|--------------------------|
| ASPECT AT 20°C | POWDER |
| COLOUR | WHITE TO OFF WHITE |
| ODOUR | MILD BUT HIGHLY IRRITANT |
| TASTE | PUNGENT, BURNING, STRONG |
| DENSITY AT 20°C (g / ml) | - |
| DENSITY 25/25 | - |
| REFRACTIVE INDEX nD20 | - |
| REFRACTIVE INDEX nD25 | - |
| OPTICAL ROTATION (°) | / |
| BOILING POINT (°C) | - |
| MELTING POINT (°C) | CA. 63°C |
| FLASH POINT (°C) | 95,00 |
| ASSAY (% GC) | >95 |
| ACID VALUE (mg KOH/g) | - |
| SOLUBILITY | INSOLUBLE IN WATER |
| VAPOUR PRESSURE | NOT DETERMINED |
| OTHER SOLUBILITIES | SOLUBLE IN ETHANOL |

OTHER TECHNICAL DATA MOISTURE <1%. PURITY DETERMINED BY LIQUID CHROMATOGRAPHY HPLC. HIGHLY IRRITANT PRODUCT: AVOID CONTACT WITH SKIN, EYES AND INHALING IT. RESIDUAL SOLVENTS <25 ppm.

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE. IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS.