An ampoule containing viable cells (may include spores and mycelia) suspended in cryoprotectant. Immerse the ampoule just sufficient to cover the frozen material. Do not agitate the ampoule.

Typical aerobic bacteria and yeasts are packed in dry ice should either be thawed immediately or stored in liquid nitrogen. If liquid nitrogen storage facilities are not available, frozen ampoules may be stored at or below -70°C for approximately one week. Do not under any circumstance store frozen ampoules at refrigerator freezer temperatures (generally -20°C). Storage of frozen material at this temperature will result in the death of the culture.

1. To thaw a frozen ampoule, place in a water bath, until just thawed (approximately 5 minutes). Immerse the ampoule just sufficient to cover the frozen material. Do not agitate the ampoule.
2. Immediately after thawing, wipe down ampoule with 70% ethanol and aseptically transfer 50 µL (or any amount desired up to all) of the content onto a plate or broth with medium recommended.
3. Incubate the inoculum/strain at the temperature and conditions recommended. Inspect for growth of the inoculum/strain regularly. The sign of viability is noticeable typically after 1-2 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

Deposited as Candida curvata; produces single-cell protein (SCP); degrades whey.

Additional, updated information on this product may be available on the ATCC® web site at www.atcc.org.

ATCC® Medium 28: Emmons’ modification of Sabouraud’s agar
ATCC® Medium 200: YM agar or YM broth
ATCC® Medium 324: Malt extract agar

Growth Conditions
Temperature: 24°C to 26°C
Atmosphere: Typical aerobic

Recommended Procedure
Frozen ampoules packed in dry ice should either be thawed immediately or stored in liquid nitrogen. If liquid nitrogen storage facilities are not available, frozen ampoules may be stored at or below -70°C for approximately one week. Do not under any circumstance store frozen ampoules at refrigerator freezer temperatures (generally -20°C). Storage of frozen material at this temperature will result in the death of the culture.

1. To thaw a frozen ampoule, place in a 25°C to 30°C water bath, until just thawed (approximately 5 minutes). Immerse the ampoule just sufficient to cover the frozen material. Do not agitate the ampoule.
2. Immediately after thawing, wipe down ampoule with 70% ethanol and aseptically transfer 50 µL (or any amount desired up to all) of the content onto a plate or broth with medium recommended.
3. Incubate the inoculum/strain at the temperature and conditions recommended. Inspect for growth of the inoculum/strain regularly. The sign of viability is noticeable typically after 1-2 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

Citation of Strain
If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Cutaneotrichosporon oleaginosum (ATCC® 20509™)
**D1D2 region of the 28S ribosomal RNA gene**

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CATATCAATAAGCGGAGGAAAAGAAACTAACAAGGATTCCCTTAGTAACGGCGAGTGAACCGGGAA
AAGCTCAAATTTGTAATCTGGCTGTCTTCGATAGTCCGAGTTGTAATCTATAGACGTGTTTTCCGTGCTG
GACCGTATCTAAGTCCCTTGGAACAGGGTATCAAAGAGGGTGACAATCCCGTGCTTGATACGACCACC
AGTGCTCTGTGATACACGTTCTACGAGTCGAGTTGTTTGGGAATGCAGCTCAAAATGGGTGGTAAATTC
CATCTAAAGCTAAATATTGGCGAGAGACCGATAGCGAACAAGTACCGTGAGGGAAAGATGAAAAGC
ACTTTGGAAAGAGAGTTAAACAGTACGTGAAATTGTTGAAAGGGAAACGATTGAAGTCAGTCGTGTT
CTTCAGATTCAAGCTGGTTTCTCCAGTCTACTCTGTGGAACGGGTCAACATCAGTTTTGTCCGGTGATA
AAGGTAGTAGGAATGTGACTCCCCGGAGTGTTATGCAGTATTGGCTACTACGTGGGTGACTGA
GGACTGCAGCTCGCCTTTTGGCCGGTCTTCGGACACGTTCGAGCTTAGGATGTTGACATAATGGCTTTA
AACGACCCGTC
```

**Dairy plant**

**References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).**

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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