

Hukill Chemical Corporation
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Technical Data Sheet

Muriatic Acid 20 Degree

CAS # 7647-01-0

TECHNICAL DATA

TYPICAL ANALYSIS

Muriatic Acid (HCl), %wt
Specific Gravity @ 60 Deg
Appearance
Color, APHA

SPECIFICATIONS

31.5% To 33%
1.16 To 1.167
1.16 To 1.167
10 Maximum

PHYSICAL PROPERTIES

| | |
|--------------------------------------|---|
| #/Gallon | 9.66 |
| Flash Point | N/A |
| Appearance & Odor | Colorless to slightly yellow liquid. No odor. |
| Physical State | Liquid |
| Stability - Conditions to Avoid | Stable-React exothermically with water. |
| Incompatibility | Oxidizers, metals, alkalis, cyanides |
| Hazardous Decomposition | Reacts with metals to form hydrogen gas. |
| Polymerization - Conditions to Avoid | Will not occur-None. |
| Unusual Fire & Explosion Hazards | Cool containers exposed to intense heat with water to prevent container rupture. Reacts violently with water. |

USES & APPLICATIONS

Acidizing of petroleum wells, boiler scale remover, chemical intermediate, ore reduction, food processing, pickling and metal cleaning, industrial acidizing, general cleaning, e.g., of membrane in desalination plants, alcohol denaturant, laboratory reagent.

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